

<div>PROJECT NAME: 140th Avenue SE</div> <div>PROJECT NO.: 401195, R44106, R44107</div> <div>CONTRACT NO.: C23027C</div> <div>BID DATE: October 10, 2002</div> <div>BID VERIFIED: October 14, 2002 LANCE HULIN</div> <div>PROJECT LENGTH: 1.4 mi.</div>									
				King County Engineers Estimate			Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
PREPARATION									
1	0001	MOBILIZATION	LUMP SUM	L.S.	\$600,000.00	\$600,000.00	\$ 835,000.00	\$835,000.00	\$ 414,400.00
2		CLEARING AND GRUBBING	LUMP SUM	L.S.	\$160,000.00	\$160,000.00	\$ 350,000.00	\$350,000.00	\$ 150,000.00
3		REMOVAL OF STRUCTURE AND OBSTRUCTION	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$ 250,000.00	\$250,000.00	\$ 35,000.00
4		REMOVING AND RESETTNG FENCE	720	L.F.	\$15.00	\$10,800.00	\$ 10.00	\$7,200.00	\$ 10.00
5	0188	REMOVING TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.10	\$1,800.00	\$ 0.10	\$1,800.00	\$ 0.05
6		SPILL PREVENTION PLAN	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$ 1,500.00	\$1,500.00	\$ 500.00
GRADING									
7		ROADWAY EXCAVATION INCL. HAUL	55,150	C.Y.	\$12.00	\$661,800.00	\$ 8.15	\$449,472.50	\$ 10.00
8	0350	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	3,000	C.Y.	\$10.00	\$30,000.00	\$ 12.00	\$36,000.00	\$ 10.00
9		GRAVEL BORROW INCL. HAUL	106,500	TON	\$8.00	\$852,000.00	\$ 0.01	\$1,065.00	\$ 9.00
10	0440	SAND DRAINAGE BLANKET	10,000	TON	\$10.00	\$100,000.00	\$ 12.00	\$120,000.00	\$ 12.95
11		EMBANKMENT COMPACTION	20,840	C.Y.	\$2.50	\$52,100.00	\$ 3.00	\$62,520.00	\$ 1.00
12		WETLAND EXCAVATION INCL. HAUL	7,400	C.Y.	\$12.00	\$88,800.00	\$ 8.15	\$60,310.00	\$ 8.00
13		POND EXCAVATION INCL. HAUL	20,000	C.Y.	\$12.00	\$240,000.00	\$ 8.15	\$163,000.00	\$ 8.00
DRAINAGE									
14		GRAVEL BACKFILL FOR TRENCH	3,872	C.Y.	\$22.00	\$85,184.00	\$ 17.50	\$67,760.00	\$ 20.00
15	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	11,967	C.Y.	\$15.00	\$179,505.00	\$ 8.15	\$97,531.05	\$ 5.00
16	7008	SHORING OR EXTRA EXCAV. CL B	40,490	S.F.	\$3.00	\$121,470.00	\$ 0.30	\$12,147.00	\$ 1.00
17		DITCH EXCAVATION INCL. HAUL	3,718	C.Y.	\$20.00	\$74,360.00	\$ 8.15	\$30,301.70	\$ 8.00
18		STREAMBED GRAVEL	654	TON	\$40.00	\$26,160.00	\$ 32.55	\$21,287.70	\$ 25.00
19	1086	QUARRY SPALLS	700	TON	\$30.00	\$21,000.00	\$ 27.55	\$19,285.00	\$ 25.00
20	1160	UNDERDRAIN PIPE 6 IN. DIAM	1,129	L.F.	\$20.00	\$22,580.00	\$ 12.10	\$13,660.90	\$ 12.00
21	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	10,279	L.F.	\$25.00	\$256,975.00	\$ 16.50	\$169,603.50	\$ 25.00
22	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	5,484	L.F.	\$30.00	\$164,520.00	\$ 21.00	\$115,164.00	\$ 30.00
23	1184	SCHEDULE A CULV. PIPE 24 IN. DIAM.	447	L.F.	\$34.00	\$15,198.00	\$ 42.55	\$19,019.85	\$ 55.00
24		DUCTILE IRON CULV. PIPE 12 IN. DIAM.	158	L.F.	\$45.00	\$7,110.00	\$ 41.55	\$6,564.90	\$ 65.00
STORM SEWER									
25		CATCH BASIN TYPE 1L	15	EACH	\$950.00	\$14,250.00	\$ 875.00	\$13,125.00	\$ 650.00
26		CATCH BASIN TYPE 1L W/THRU CURB INLET (W/TCI)	7	EACH	\$1,050.00	\$7,350.00	\$ 1,000.00	\$7,000.00	\$ 750.00
27		CATCH BASIN TYPE 1	45	EACH	\$850.00	\$38,250.00	\$ 780.00	\$35,100.00	\$ 600.00
28		CATCH BASIN TYPE 1 W/THRU CURB INLET (W/TCI)	59	EACH	\$1,000.00	\$59,000.00	\$ 925.00	\$54,575.00	\$ 700.00
29		CATCH BASIN TYPE 2 - 48 IN DIAM.	13	EACH	\$1,900.00	\$24,700.00	\$ 1,830.00	\$23,790.00	\$ 1,500.00
30		CATCH BASIN TYPE 2 - 48 IN DIAM. W/THRU CURB INLET (W/TCI)	21	EACH	\$2,000.00	\$42,000.00	\$ 1,800.00	\$37,800.00	\$ 1,600.00

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
31		CATCH BASIN TYPE 2 - 48 IN DIAM. W/MANHOLE COVER	18	EACH	\$2,000.00	\$36,000.00	\$ 2,200.00	\$39,600.00	\$ 1,600.00
32		CATCH BASIN TYPE 2 - 48 IN DIAM. W/DEBRIS CAGE	2	EACH	\$2,000.00	\$4,000.00	\$ 2,600.00	\$5,200.00	\$ 2,100.00
33		CATCH BASIN TYPE 2 - 72 IN DIAM. W/MANHOLE COVER	7	EACH	\$4,500.00	\$31,500.00	\$ 4,575.00	\$32,025.00	\$ 5,000.00
34		81"X59" ARCH PIPE, ALUMINIZED, 0.079 IN. THICK	122	L.F.	\$110.00	\$13,420.00	\$ 201.50	\$24,583.00	\$ 350.00
35		FLOW RESTRICTOR OIL SEPARATOR, 15 IN. DIAM	1	EACH	\$2,000.00	\$2,000.00	\$ 950.00	\$950.00	\$ 700.00
36		FLOW RESTRICTOR OIL SEPARATOR, 18 IN. DIAM	4	EACH	\$800.00	\$3,200.00	\$ 1,025.00	\$4,100.00	\$ 700.00
37		FLOW RESTRICTOR OIL SEPARATOR, 24 IN. DIAM	1	EACH	\$1,200.00	\$1,200.00	\$ 1,050.00	\$1,050.00	\$ 700.00
38		COALESCING PLATE OIL/WATER SEPARATOR	2	EACH	\$20,000.00	\$40,000.00	\$ 15,500.00	\$31,000.00	\$ 15,000.00
39		SPECIAL TRASH RACK	1	EACH	\$2,000.00	\$2,000.00	\$ 3,500.00	\$3,500.00	\$ 3,000.00
40		TEMPORARY STREAM DIVERSION	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$ 25,000.00	\$25,000.00	\$ 5,000.00
41		SPECIAL INLET STRUCTURE	1	EACH	\$15,000.00	\$15,000.00	\$ 15,000.00	\$15,000.00	\$ 14,000.00
SANITARY SEWER									
42		TRENCH SHORING	9,847	L.F.	\$1.00	\$9,847.00	\$ 0.01	\$98.47	\$ 1.00
43		8-IN PVC SDR 35 GRAVITY SEWER MAIN	312	L.F.	\$45.00	\$14,040.00	\$ 45.25	\$14,118.00	\$ 35.00
44		STANDARD 48-INCH DIAMETER SANITARY SEWER MANHOLE	4	EACH	\$2,400.00	\$9,600.00	\$ 3,300.00	\$13,200.00	\$ 2,000.00
45		48-INCH DIAMETER SANITARY SEWER MANHOLE EXTRA DEPTH	11	V.F.	\$1,160.00	\$12,760.00	\$ 200.00	\$2,200.00	\$ 150.00
46		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE	3	EACH	\$2,545.00	\$7,635.00	\$ 350.00	\$1,050.00	\$ 350.00
47		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION REMOVAL	3	EACH	\$2,845.00	\$8,535.00	\$ 600.00	\$1,800.00	\$ 420.00
48		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION ADDITION	3	EACH	\$2,845.00	\$8,535.00	\$ 1,000.00	\$3,000.00	\$ 650.00
49		FOUNDATION GRAVEL	5,645	TON	\$18.00	\$101,610.00	\$ 0.01	\$56.45	\$ 18.00
50		BANK RUN GRAVEL	11,545	TON	\$10.00	\$115,450.00	\$ 0.01	\$115.45	\$ 9.00
WATER LINES									
51		8-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,128	L.F.	\$32.00	\$36,096.00	\$ 29.40	\$33,163.20	\$ 39.00
52		10-INCH DUCTILE IRON WATER MAIN, CLASS 52	230	L.F.	\$37.00	\$8,510.00	\$ 31.05	\$7,141.50	\$ 29.00
53		12-INCH DUCTILE IRON WATER MAIN, CLASS 52	5,810	L.F.	\$45.00	\$261,450.00	\$ 27.45	\$159,484.50	\$ 35.00
54		16-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,902	L.F.	\$58.00	\$110,316.00	\$ 36.60	\$69,613.20	\$ 42.00
55		18-INCH DUCTILE IRON WATER MAIN, CLASS 53	221	L.F.	\$70.00	\$15,470.00	\$ 90.45	\$19,989.45	\$ 75.00
56		24-INCH DUCTILE IRON WATER MAIN, CLASS 52	221	L.F.	\$90.00	\$19,890.00	\$ 132.50	\$29,282.50	\$ 100.00
57		6-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$1,400.00	\$1,400.00	\$ 660.00	\$660.00	\$ 450.00
58		8-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	22	EACH	\$1,600.00	\$35,200.00	\$ 725.00	\$15,950.00	\$ 650.00
59		10-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	7	EACH	\$1,900.00	\$13,300.00	\$ 1,075.00	\$7,525.00	\$ 900.00
60		12-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	18	EACH	\$2,500.00	\$45,000.00	\$ 1,250.00	\$22,500.00	\$ 1,100.00
61		14-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$3,400.00	\$3,400.00	\$ 1,800.00	\$1,800.00	\$ 1,700.00
62		16-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	5	EACH	\$4,000.00	\$20,000.00	\$ 1,955.00	\$9,775.00	\$ 2,000.00

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
63		18-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$5,500.00	\$5,500.00	\$ 2,455.00	\$2,455.00	\$ 2,800.00
64		0	36,000	LBS.	\$5.50	\$198,000.00	\$ 5.00	\$180,000.00	\$ 1.75
65		CONCRETE THRUST BLOCKING	160	C.Y.	\$100.00	\$16,000.00	\$ 150.00	\$24,000.00	\$ 125.00
66		FIRE HYDRANT ASSEMBLY	12	EACH	\$6,900.00	\$82,800.00	\$ 3,805.00	\$45,660.00	\$ 5,000.00
67		REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT ASSEMBLY	10	EACH	\$500.00	\$5,000.00	\$ 725.00	\$7,250.00	\$ 1,500.00
68		1-INCH WATER SERVICE (NEAR SIDE)	18	EACH	\$2,580.00	\$46,440.00	\$ 675.00	\$12,150.00	\$ 750.00
69		1-INCH WATER SERVICE (FAR SIDE)	38	EACH	\$2,910.00	\$110,580.00	\$ 925.00	\$35,150.00	\$ 1,000.00
70		2-INCH WATER SERVICE (FAR SIDE)	1	EACH	\$3,000.00	\$3,000.00	\$ 1,550.00	\$1,550.00	\$ 1,500.00
71		1-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	600	L.F.	\$10.00	\$6,000.00	\$ 23.80	\$14,280.00	\$ 28.00
72		2-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	1,660	L.F.	\$11.00	\$18,260.00	\$ 8.05	\$13,363.00	\$ 22.00
73		2-INCH TEMPORARY WATER SERVICE	1	EACH	\$2,600.00	\$2,600.00	\$ 1,560.00	\$1,560.00	\$ 1,500.00
74		6-INCH DUCTILE IRON TEMP. WATER MAIN, CLASS 52	615	L.F.	\$20.00	\$12,300.00	\$ 16.75	\$10,301.25	\$ 33.00
75		WATER MAIN CONNECTION TO EXISTING SYSTEM	19	EACH	\$1,800.00	\$34,200.00	\$ 1,300.00	\$24,700.00	\$ 2,500.00
76		REMOVE AND DISPOSE OF EXISTING A/C WATER MAIN	3,085	L.F.	\$25.00	\$77,125.00	\$ 12.00	\$37,020.00	\$ 7.00
77		REMOVE AND DISPOSE OF EXISTING D.I. WATER MAIN	627	L.F.	\$20.00	\$12,540.00	\$ 7.50	\$4,702.50	\$ 9.00
78		REMOVE AND DISPOSE OF EXISTING C.I. WATER MAIN	120	L.F.	\$20.00	\$2,400.00	\$ 7.50	\$900.00	\$ 10.00
79		ABANDON EXISTING A/C WATER MAIN	4,874	L.F.	\$5.00	\$24,370.00	\$ 5.00	\$24,370.00	\$ 8.00
80		ABANDON EXISTING D.I. WATER MAIN	100	L.F.	\$5.00	\$500.00	\$ 5.00	\$500.00	\$ 9.00
81		4-INCH BLOW OFF ASSEMBLY	6	EACH	\$1,935.00	\$11,610.00	\$ 1,500.00	\$9,000.00	\$ 5,000.00
STRUCTURE									
82		STRUCTURE EXCAVATION CLASS A INCL. HAUL	170	C.Y	\$15.00	\$2,550.00	\$ 25.00	\$4,250.00	\$ 20.00
83		GRAVEL BACKFILL FOR WALL	95	C.Y	\$25.00	\$2,375.00	\$ 35.00	\$3,325.00	\$ 34.00
84		ST.REINF. BAR FOR SIDEWALK AND PARAPET	16,625	LBS	\$0.75	\$12,468.75	\$ 0.80	\$13,300.00	\$ 1.00
85		CONC. CLASS 4000 FOR SIDEWALK AND PARAPET	83	C.Y	\$450.00	\$37,350.00	\$ 500.00	\$41,500.00	\$ 700.00
86		BRIDGE RAILING TYPE BP	305	L.F.	\$55.00	\$16,775.00	\$ 85.00	\$25,925.00	\$ 75.00
87		SHAFT - 2'-6" DIAM. FOR SOLDIER PILE WALL	68	C.Y	\$60.00	\$4,080.00	\$ 200.00	\$13,600.00	\$ 450.00
88		FURNISHING & INSTALLING SOLDIER PILE W14X68	294	L.F.	\$80.00	\$23,520.00	\$ 47.50	\$13,965.00	\$ 75.00
89		FURNISHING & INSTALLING SOLDIER PILE W14X99	146	L.F.	\$100.00	\$14,600.00	\$ 65.00	\$9,490.00	\$ 90.00
90		FURNISHING & INSTALLING SOLDIER PILE W14X145	117	L.F.	\$120.00	\$14,040.00	\$ 95.00	\$11,115.00	\$ 100.00
91		TIMBER LAGGING FOR SOLDIER PILE WALL	2	MBM	\$3,000.00	\$6,000.00	\$ 2,500.00	\$5,000.00	\$ 5,000.00
92		CONCRETE CL. 4000P FOR SOLDIER PILE WALL	68	C.Y	\$600.00	\$40,800.00	\$ 265.00	\$18,020.00	\$ 200.00
93		PREFABRICATED DRAINAGE MATERIAL FOR SOLDIER PILE WALL	1,776	S.F.	\$2.00	\$3,552.00	\$ 6.00	\$10,656.00	\$ 1.50
94		CONCRETE FACIA WALL FOR SOLDIER PILE WALL	62	C.Y	\$600.00	\$37,200.00	\$ 700.00	\$43,400.00	\$ 900.00
95		GEOSYNTHETIC RETAINING WALL	3,345	S.F.	\$22.00	\$73,590.00	\$ 15.00	\$50,175.00	\$ 21.00
96		BORROW FOR GEOSYNTHETIC RETAINING WALL INCL. HAUL	2,200	C.Y	\$20.00	\$44,000.00	\$ 18.00	\$39,600.00	\$ 16.00
97		STONE COLUMN	206	C.Y	\$55.00	\$11,330.00	\$ 300.00	\$61,800.00	\$ 385.00
98		PREAPPROVED PROPRIETORY MSE WALL	920	S.F.	\$25.00	\$23,000.00	\$ 20.00	\$18,400.00	\$ 30.00
99		BACKFILL FOR PREAPPROVED MSE WALL INCL. HAUL	457	C.Y	\$20.00	\$9,140.00	\$ 18.00	\$8,226.00	\$ 16.00
SURFACING									
100		CRUSHED SURFACING BASE COURSE	674	TON	\$20.00	\$13,480.00	\$ 17.00	\$11,458.00	\$ 40.00

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
101		CRUSHED SURFACING TOP COURSE	3,500	TON	\$20.00	\$70,000.00	\$ 17.00	\$59,500.00	\$ 40.00
ASPHALT TREATED BASE									
102		ASPHALT TREATED BASE	3,300	TON	\$35.00	\$115,500.00	\$ 43.00	\$141,900.00	\$ 45.00
CEMENT CONCRETE PAVEMENT									
103		CEMENT CONC. CL. 4000 FOR DRIVEWAY 5 IN. THICK - 3 DAY MIX	850	S.Y.	\$50.00	\$42,500.00	\$ 25.00	\$21,250.00	\$ 52.00
ASPHALT CONCRETE PAVEMENT									
104		PLANING BITUMINOUS PAVEMENT	50	S.Y.	\$25.00	\$1,250.00	\$ 20.00	\$1,000.00	\$ 50.00
105		ASPHALT CONC. PAVEMENT CL. B	23,100	TON	\$38.00	\$877,800.00	\$ 36.15	\$835,065.00	\$ 40.00
106		ASPHALT CONC. PAVEMENT CL. E	15,200	TON	\$30.00	\$456,000.00	\$ 31.55	\$479,560.00	\$ 35.00
EROSION CONTROL AND PLANTING									
107		SEEDING, FERTILIZING, AND MULCHING	7	ACRE	\$2,000.00	\$14,000.00	\$ 1,200.00	\$8,400.00	\$ 1,400.00
108		PLASTIC COVERING	17,000	S.Y.	\$1.00	\$17,000.00	\$ 1.50	\$25,500.00	\$ 3.00
109		CHECK DAM	87	EACH	\$75.00	\$6,525.00	\$ 50.00	\$4,350.00	\$ 275.00
110		STABILIZED CONSTRUCTION ENTRANCE	6	EACH	\$3,500.00	\$21,000.00	\$ 1,500.00	\$9,000.00	\$ 3,000.00
111		INLET PROTECTION	230	EACH	\$150.00	\$34,500.00	\$ 75.00	\$17,250.00	\$ 95.00
112		SILT FENCE	6,754	L.F.	\$3.00	\$20,262.00	\$ 4.00	\$27,016.00	\$ 3.50
113		TEMPORARY DRAIN PIPE	775	L.F.	\$25.00	\$19,375.00	\$ 15.00	\$11,625.00	\$ 18.00
114		STRAW MULCH	20,000	S.Y.	\$0.20	\$4,000.00	\$ 0.50	\$10,000.00	\$ 0.60
115		TEMPORARY WATER POLLUTION/EROSION CONTROL	\$100,000	DOLL.	\$100,000.00	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00
116		TOPSOIL TYPE A	3,600	C.Y.	\$25.00	\$90,000.00	\$ 16.00	\$57,600.00	\$ 17.00
117		TOPSOIL TYPE B	1,500	C.Y.	\$25.00	\$37,500.00	\$ 8.00	\$12,000.00	\$ 18.00
118		COMPOST TOPSOIL	1,000	C.Y.	\$25.00	\$25,000.00	\$ 16.00	\$16,000.00	\$ 17.00
119		EROSION CONTROL BLANKET	31,000	S.Y.	\$1.00	\$31,000.00	\$ 1.00	\$31,000.00	\$ 1.00
120		BARK OR WOOD CHIP MULCH	350	C.Y.	\$25.00	\$8,750.00	\$ 16.00	\$5,600.00	\$ 17.00
121		COMPOST MULCH	340	C.Y.	\$38.00	\$12,920.00	\$ 16.00	\$5,440.00	\$ 16.00
122		SPLIT RAIL FENCE	1,550	L.F	\$11.00	\$17,050.00	\$ 6.75	\$10,462.50	\$ 7.00
123		WETLAND SENSITIVE AREA SIGN	17	EACH	\$100.00	\$1,700.00	\$ 100.00	\$1,700.00	\$ 75.00
124		STAFF GAUGE	2	EACH	\$100.00	\$200.00	\$ 500.00	\$1,000.00	\$ 350.00
125		GROUND WATER WELL	2	EACH	\$100.00	\$200.00	\$ 500.00	\$1,000.00	\$ 2,500.00
126		SNAG	4	EACH	\$1,000.00	\$4,000.00	\$ 750.00	\$3,000.00	\$ 300.00
127		DOWN LOG	14	EACH	\$1,000.00	\$14,000.00	\$ 350.00	\$4,900.00	\$ 300.00
128		DEFLECTOR LOG	2	EACH	\$400.00	\$800.00	\$ 1,000.00	\$2,000.00	\$ 300.00
129		BANK LOG	3	EACH	\$400.00	\$1,200.00	\$ 1,000.00	\$3,000.00	\$ 300.00
130		BRUSH PILE	11	EACH	\$100.00	\$1,100.00	\$ 350.00	\$3,850.00	\$ 300.00
131		ROCK RETARDS	11	EACH	\$40.00	\$440.00	\$ 200.00	\$2,200.00	\$ 550.00
132		BANK/ANCHOR ROCK	220	EACH	\$40.00	\$8,800.00	\$ 30.00	\$6,600.00	\$ 200.00
133		PLANT SELECTION AUTUMN FLAME RED MAPLE	148	EACH	\$225.00	\$33,300.00	\$ 150.00	\$22,200.00	\$ 160.00
134		PLANT SELECTION RAYWOOD ASH	79	EACH	\$225.00	\$17,775.00	\$ 150.00	\$11,850.00	\$ 170.00
135		PLANT SELECTION CHANTICLEER PEAR	34	EACH	\$175.00	\$5,950.00	\$ 150.00	\$5,100.00	\$ 165.00
136		PLANT SELECTION KWANZAN CHERRY	29	EACH	\$175.00	\$5,075.00	\$ 150.00	\$4,350.00	\$ 160.00
137		PLANT SELECTION INCENSE CEDAR	92	EACH	\$125.00	\$11,500.00	\$ 100.00	\$9,200.00	\$ 100.00

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
138		PLANT SELECTION ORCHID ROCK ROSE	85	EACH	\$18.00	\$1,530.00	\$ 10.00	\$850.00	\$ 10.00
139		PLANT SELECTION OREGON GRAPE	55	EACH	\$15.00	\$825.00	\$ 10.00	\$550.00	\$ 9.50
140		PLANT SELECTION PACIFIC WAX MYRTLE	21	EACH	\$20.00	\$420.00	\$ 10.00	\$210.00	\$ 10.00
141		PLANT SELECTION RED FLOWERING CURRANT	33	EACH	\$18.00	\$594.00	\$ 10.00	\$330.00	\$ 10.50
142		PLANT SELECTION KINNIKINICK	1,060	EACH	\$8.00	\$8,480.00	\$ 4.00	\$4,240.00	\$ 4.00
143		PLANT SELECTION COTONEASTER	2,493	EACH	\$8.00	\$19,944.00	\$ 4.00	\$9,972.00	\$ 4.50
144		PLANT SELECTION CREEPING MAHONIA	3,441	EACH	\$8.00	\$27,528.00	\$ 4.00	\$13,764.00	\$ 4.25
145		PLANT SELECTION WESTERN RED CEDAR - 3' TO 4' HT.	25	EACH	\$50.00	\$1,250.00	\$ 50.00	\$1,250.00	\$ 50.00
146		PLANT SELECTION WESTERN RED CEDAR - 8' TO 10' HT.	73	EACH	\$125.00	\$9,125.00	\$ 50.00	\$3,650.00	\$ 53.00
147		PLANT SELECTION DOUGLAS FIR - 3' TO 4' HT	35	EACH	\$50.00	\$1,750.00	\$ 50.00	\$1,750.00	\$ 52.00
148		PLANT SELECTION DOUGLAS FIR - 8' TO 10' HT	118	EACH	\$125.00	\$14,750.00	\$ 50.00	\$5,900.00	\$ 53.00
149		PLANT SELECTION SITKA SPRUCE	10	EACH	\$45.00	\$450.00	\$ 20.00	\$200.00	\$ 22.00
150		PLANT SELECTION WESTERN HEMLOCK	16	EACH	\$45.00	\$720.00	\$ 20.00	\$320.00	\$ 21.00
151		PLANT SELECTION BIG LEAF MAPLE	25	EACH	\$45.00	\$1,125.00	\$ 20.00	\$500.00	\$ 23.00
152		PLANT SELECTION BLACK COTTONWOOD	10	EACH	\$45.00	\$450.00	\$ 20.00	\$200.00	\$ 22.00
153		PLANT SELECTION OREGON ASH	25	EACH	\$45.00	\$1,125.00	\$ 20.00	\$500.00	\$ 21.00
154		PLANT SELECTION VINE MAPLE	78	EACH	\$40.00	\$3,120.00	\$ 20.00	\$1,560.00	\$ 23.00
155		PLANT SELECTION HAZELNUT	4	EACH	\$40.00	\$160.00	\$ 20.00	\$80.00	\$ 22.00
156		PLANT SELECTION BLACK HAWTHORN	25	EACH	\$20.00	\$500.00	\$ 20.00	\$500.00	\$ 21.00
157		PLANT SELECTION PACIFIC WILLOW	350	EACH	\$8.00	\$2,800.00	\$ 5.00	\$1,750.00	\$ 5.00
158		PLANT SELECTION SCOULER WILLOW	300	EACH	\$8.00	\$2,400.00	\$ 5.00	\$1,500.00	\$ 4.50
159		PLANT SELECTION RED ELDERBERRY	46	EACH	\$24.00	\$1,104.00	\$ 20.00	\$920.00	\$ 22.00
160		PLANT SELECTION RED OSIER DOGWOOD	131	EACH	\$25.00	\$3,275.00	\$ 10.00	\$1,310.00	\$ 10.00
161		PLANT SELECTION PACIFIC NINEBARK	133	EACH	\$25.00	\$3,325.00	\$ 10.00	\$1,330.00	\$ 11.00
162		PLANT SELECTION SALMONBERRY	266	EACH	\$24.00	\$6,384.00	\$ 10.00	\$2,660.00	\$ 10.50
163		PLANT SELECTION OCEAN SPRAY	47	EACH	\$24.00	\$1,128.00	\$ 10.00	\$470.00	\$ 11.00
164		PLANT SELECTION NOOTKA ROSE	251	EACH	\$24.00	\$6,024.00	\$ 10.00	\$2,510.00	\$ 10.50
165		PLANT SELECTION SNOWBERRY	249	EACH	\$24.00	\$5,976.00	\$ 10.00	\$2,490.00	\$ 11.00
166		PLANT SELECTION BLACK TWINBERRY	46	EACH	\$24.00	\$1,104.00	\$ 10.00	\$460.00	\$ 10.50
167		PLANT SELECTION INDIAN PLUM	106	EACH	\$24.00	\$2,544.00	\$ 10.00	\$1,060.00	\$ 11.00
168		PLANT SELECTION RED FLOWERING CURRANT	10	EACH	\$24.00	\$240.00	\$ 10.00	\$100.00	\$ 10.00
169		PLANT SELECTION SLOUGH SEDGE	30	EACH	\$1.50	\$45.00	\$ 3.00	\$90.00	\$ 3.00
170		PLANT SELECTION SMALL FRUITED BULRUSH	30	EACH	\$1.50	\$45.00	\$ 3.00	\$90.00	\$ 3.00
171		PLANT ESTABLISHMENT (\$50,000 MIN)	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$ 50,000.00	\$50,000.00	\$ 50,000.00
TRAFFIC									
172	6727	EXTRUDED CURB	1,115	LF.	\$4.00	\$4,460.00	\$ 5.00	\$5,575.00	\$ 7.00
173	6730	TYPE A PRECAST TRAFFIC CURB	170	LF.	\$10.00	\$1,700.00	\$ 16.00	\$2,720.00	\$ 15.00
174	6732	TYPE C PRECAST TRAFFIC CURB	300	LF.	\$12.00	\$3,600.00	\$ 16.00	\$4,800.00	\$ 15.00
175		CEMENT CONC. CURB AND GUTTER	14,000	L.F.	\$8.00	\$112,000.00	\$ 6.75	\$94,500.00	\$ 15.00
176	6748	BEAM GUARDRAIL TYPE 1-8FT. LONG POST	1,692	LF.	\$12.00	\$20,304.00	\$ 12.50	\$21,150.00	\$ 15.00
177	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 3 WITH D CONNECTION	1	EACH	\$1,500.00	\$1,500.00	\$ 800.00	\$800.00	\$ 1,000.00

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
178	6716	BEAM GUARDRAIL FLARED TERMINAL	18	EACH	\$2,000.00	\$36,000.00	\$ 1,750.00	\$31,500.00	\$ 2,000.00
179	6771	BEAM GUARDRAIL ANCHOR TYPE 1	1	EACH	\$500.00	\$500.00	\$ 450.00	\$450.00	\$ 600.00
180	6776	PRECAST CONCRETE BARRIER TYPE 2	20	LF.	\$25.00	\$500.00	\$ 22.50	\$450.00	\$ 30.00
181	6781	TEMPORARY CONCRETE BARRIER	14,000	LF.	\$10.00	\$140,000.00	\$ 0.01	\$140.00	\$ 10.00
182		PAINT STRIPE	40,000	L.F.	\$0.20	\$8,000.00	\$ 0.11	\$4,400.00	\$ 0.15
183		PLASTIC GORE STRIPE	900	L.F.	\$2.00	\$1,800.00	\$ 1.35	\$1,215.00	\$ 1.50
184		PLASTIC CROSSWALK STRIPE	1,300	L.F.	\$3.00	\$3,900.00	\$ 1.40	\$1,820.00	\$ 1.50
185		PLASTIC STOP BAR	400	L.F.	\$3.00	\$1,200.00	\$ 3.75	\$1,500.00	\$ 2.60
186	6833	PLASTIC TRAFFIC ARROW	41	EACH	\$75.00	\$3,075.00	\$ 45.00	\$1,845.00	\$ 50.00
187	6884	RAISED PAVEMENT MARKER TYPE 2	6	HUND.	\$500.00	\$3,000.00	\$ 400.00	\$2,400.00	\$ 350.00
188	6888	TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.20	\$3,600.00	\$ 1.40	\$25,200.00	\$ 1.00
189		ILLUMINATION SYSTEM COMPLETE - 140TH	LUMP SUM	L.S.	\$283,000.00	\$283,000.00	\$ 237,000.00	\$237,000.00	\$ 310,000.00
190		SIGNALIZATION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$138,000.00	\$138,000.00	\$ 215,000.00	\$215,000.00	\$ 135,000.00
191		SIGNALIZATION SYSTEM COMPLETE - PETROVITSKY	LUMP SUM	L.S.	\$26,000.00	\$26,000.00	\$ 83,000.00	\$83,000.00	\$ 30,000.00
192		VIDEO DETECTION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$30,000.00	\$30,000.00	\$ 83,000.00	\$83,000.00	\$ 35,000.00
193		PAINTED BICYCLE SYMBOL	57	EACH	\$30.00	\$1,710.00	\$ 40.00	\$2,280.00	\$ 30.00
194		TRAFFIC SAFETY DRUM	600	EACH	\$40.00	\$24,000.00	\$ 30.00	\$18,000.00	\$ 70.00
195		SEQUENTIAL ARROW SIGN	5,000	HOUR	\$5.00	\$25,000.00	\$ 1.50	\$7,500.00	\$ 3.00
196		TYPE III BARRICADE	10	EACH	\$300.00	\$3,000.00	\$ 300.00	\$3,000.00	\$ 350.00
197		TRAFFIC CONTROL LABOR (\$35/HR MIN)	10,250	HOUR	\$35.00	\$358,750.00	\$ 35.00	\$358,750.00	\$ 37.00
198		TEMPORARY SAND BARREL CRASH CUSHION	20	EACH	\$200.00	\$4,000.00	\$ 0.01	\$0.20	\$ 2,000.00
OTHER ITEMS									
199	7014	GRAVEL BACKFILL FOR DRAIN	437	C.Y.	\$27.00	\$11,799.00	\$ 30.00	\$13,110.00	\$ 20.00
200	7018	WATER	1,000	mGAL	\$15.00	\$15,000.00	\$ 30.00	\$30,000.00	\$ 30.00
201		CONCRETE MONUMENT WITH CASE AND COVER	24	EACH	\$300.00	\$7,200.00	\$ 300.00	\$7,200.00	\$ 350.00
202		REMOVE AND RESET MONUMENT TO GRADE	10	EACH	\$200.00	\$2,000.00	\$ 200.00	\$2,000.00	\$ 300.00
203		CEMENT CONC. SIDEWALK	8,300	S.Y.	\$20.00	\$166,000.00	\$ 18.00	\$149,400.00	\$ 25.00
204	7081	CHAIN LINK FENCE TYPE 1	1,640	L.F.	\$10.00	\$16,400.00	\$ 14.00	\$22,960.00	\$ 15.00
205	7083	CHAIN LINK FENCE TYPE 3	135	L.F.	\$15.00	\$2,025.00	\$ 13.00	\$1,755.00	\$ 12.00
206	7086	CHAIN LINK FENCE TYPE 6	120	L.F.	\$20.00	\$2,400.00	\$ 13.00	\$1,560.00	\$ 10.00
207	7102	DOUBLE 14 FT. CHAIN LINK GATE	4	EACH	\$800.00	\$3,200.00	\$ 800.00	\$3,200.00	\$ 800.00
208		ROCK FACING	266	S.Y.	\$200.00	\$53,200.00	\$ 85.00	\$22,610.00	\$ 130.00
209	3100	ADJUST CATCH BASIN	30	EACH	\$400.00	\$12,000.00	\$ 200.00	\$6,000.00	\$ 350.00
210		MAILBOX SUPPORT	75	EACH	\$200.00	\$15,000.00	\$ 150.00	\$11,250.00	\$ 250.00
211	7550	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	462	S.Y.	\$2.00	\$924.00	\$ 4.00	\$1,848.00	\$ 1.00
212	7552	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	771	S.Y.	\$2.00	\$1,542.00	\$ 4.00	\$3,084.00	\$ 2.00
213		CONSTRUCTION GEOSYNTHETIC FOR EMBANKMENT REINFORCEMEN	4,500	S.Y.	\$2.00	\$9,000.00	\$ 5.00	\$22,500.00	\$ 2.00
214	7091	HIGH VISIBILITY FENCING	1,800	L.F.	\$1.20	\$2,160.00	\$ 2.00	\$3,600.00	\$ 3.00
215		SETTLEMENT PLATE	15	EACH	\$100.00	\$1,500.00	\$ 350.00	\$5,250.00	\$ 3,500.00
216		CONSTR. OFFICE MONTHLY COMM. & SECURITY FEES est	\$ 5,000	DOLL.	\$5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00
TOTAL							\$9,955,512.75		
							\$8,133,087.27		

			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost
			King County Engineers Estimate				Scarsella Bros. Inc.		Gary Melino Cons
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost

<div>PROJECT NAME: 140th Avenue SE</div> <div>PROJECT NO.: 401195, R44106, R44107</div> <div>CONTRACT NO.: C23027C</div> <div>BID DATE: October 10, 2002</div> <div>BID VERIFIED: October 14, 2002 LANCE HULIN</div> <div>PROJECT LENGTH: 1.4 mi.</div>									
				King County Engineers Estimate				str.	
								KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost
PREPARATION									
1	0001	MOBILIZATION	LUMP SUM	L.S.	\$600,000.00	\$600,000.00	\$414,400.00	\$ 700,000.00	\$700,000.00
2		CLEARING AND GRUBBING	LUMP SUM	L.S.	\$160,000.00	\$160,000.00	\$150,000.00	\$ 250,000.00	\$250,000.00
3		REMOVAL OF STRUCTURE AND OBSTRUCTION	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$35,000.00	\$ 75,000.00	\$75,000.00
4		REMOVING AND RESETTNG FENCE	720	L.F.	\$15.00	\$10,800.00	\$7,200.00	\$ 9.75	\$7,020.00
5	0188	REMOVING TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.10	\$1,800.00	\$900.00	\$ 0.12	\$2,160.00
6		SPILL PREVENTION PLAN	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$500.00	\$ 2,000.00	\$2,000.00
GRADING									
7		ROADWAY EXCAVATION INCL. HAUL	55,150	C.Y.	\$12.00	\$661,800.00	\$551,500.00	\$ 9.50	\$523,925.00
8	0350	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	3,000	C.Y.	\$10.00	\$30,000.00	\$30,000.00	\$ 12.00	\$36,000.00
9		GRAVEL BORROW INCL. HAUL	106,500	TON	\$8.00	\$852,000.00	\$958,500.00	\$ 10.00	\$1,065,000.00
10	0440	SAND DRAINAGE BLANKET	10,000	TON	\$10.00	\$100,000.00	\$129,500.00	\$ 14.50	\$145,000.00
11		EMBANKMENT COMPACTION	20,840	C.Y.	\$2.50	\$52,100.00	\$20,840.00	\$ 2.00	\$41,680.00
12		WETLAND EXCAVATION INCL. HAUL	7,400	C.Y.	\$12.00	\$88,800.00	\$59,200.00	\$ 14.00	\$103,600.00
13		POND EXCAVATION INCL. HAUL	20,000	C.Y.	\$12.00	\$240,000.00	\$160,000.00	\$ 12.00	\$240,000.00
DRAINAGE									
14		GRAVEL BACKFILL FOR TRENCH	3,872	C.Y.	\$22.00	\$85,184.00	\$77,440.00	\$ 20.00	\$77,440.00
15	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	11,967	C.Y.	\$15.00	\$179,505.00	\$59,835.00	\$ 7.00	\$83,769.00
16	7008	SHORING OR EXTRA EXCAV. CL B	40,490	S.F.	\$3.00	\$121,470.00	\$40,490.00	\$ 0.55	\$22,269.50
17		DITCH EXCAVATION INCL. HAUL	3,718	C.Y.	\$20.00	\$74,360.00	\$29,744.00	\$ 11.00	\$40,898.00
18		STREAMBED GRAVEL	654	TON	\$40.00	\$26,160.00	\$16,350.00	\$ 22.00	\$14,388.00
19	1086	QUARRY SPALLS	700	TON	\$30.00	\$21,000.00	\$17,500.00	\$ 20.00	\$14,000.00
20	1160	UNDERDRAIN PIPE 6 IN. DIAM	1,129	L.F.	\$20.00	\$22,580.00	\$13,548.00	\$ 7.00	\$7,903.00
21	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	10,279	L.F.	\$25.00	\$256,975.00	\$256,975.00	\$ 23.00	\$236,417.00
22	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	5,484	L.F.	\$30.00	\$164,520.00	\$164,520.00	\$ 21.00	\$115,164.00
23	1184	SCHEDULE A CULV. PIPE 24 IN. DIAM.	447	L.F.	\$34.00	\$15,198.00	\$24,585.00	\$ 30.00	\$13,410.00
24		DUCTILE IRON CULV. PIPE 12 IN. DIAM.	158	L.F.	\$45.00	\$7,110.00	\$10,270.00	\$ 40.00	\$6,320.00
STORM SEWER									
25		CATCH BASIN TYPE 1L	15	EACH	\$950.00	\$14,250.00	\$9,750.00	\$ 850.00	\$12,750.00
26		CATCH BASIN TYPE 1L W/THRU CURB INLET (W/TCI)	7	EACH	\$1,050.00	\$7,350.00	\$5,250.00	\$ 1,050.00	\$7,350.00
27		CATCH BASIN TYPE 1	45	EACH	\$850.00	\$38,250.00	\$27,000.00	\$ 650.00	\$29,250.00
28		CATCH BASIN TYPE 1 W/THRU CURB INLET (W/TCI)	59	EACH	\$1,000.00	\$59,000.00	\$41,300.00	\$ 750.00	\$44,250.00
29		CATCH BASIN TYPE 2 - 48 IN DIAM.	13	EACH	\$1,900.00	\$24,700.00	\$19,500.00	\$ 1,600.00	\$20,800.00
30		CATCH BASIN TYPE 2 - 48 IN DIAM. W/THRU CURB INLET (W/TCI)	21	EACH	\$2,000.00	\$42,000.00	\$33,600.00	\$ 1,800.00	\$37,800.00

			King County Engineers Estimate					KLB Constr.	
			str.						
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost
31		CATCH BASIN TYPE 2 - 48 IN DIAM. W/MANHOLE COVER	18	EACH	\$2,000.00	\$36,000.00	\$28,800.00	\$ 2,200.00	\$39,600.00
32		CATCH BASIN TYPE 2 - 48 IN DIAM. W/DEBRIS CAGE	2	EACH	\$2,000.00	\$4,000.00	\$4,200.00	\$ 3,000.00	\$6,000.00
33		CATCH BASIN TYPE 2 - 72 IN DIAM. W/MANHOLE COVER	7	EACH	\$4,500.00	\$31,500.00	\$35,000.00	\$ 5,000.00	\$35,000.00
34		81"X59" ARCH PIPE, ALUMINIZED, 0.079 IN. THICK	122	L.F.	\$110.00	\$13,420.00	\$42,700.00	\$ 300.00	\$36,600.00
35		FLOW RESTRICTOR OIL SEPARATOR, 15 IN. DIAM	1	EACH	\$2,000.00	\$2,000.00	\$700.00	\$ 1,000.00	\$1,000.00
36		FLOW RESTRICTOR OIL SEPARATOR, 18 IN. DIAM	4	EACH	\$800.00	\$3,200.00	\$2,800.00	\$ 1,000.00	\$4,000.00
37		FLOW RESTRICTOR OIL SEPARATOR, 24 IN. DIAM	1	EACH	\$1,200.00	\$1,200.00	\$700.00	\$ 1,000.00	\$1,000.00
38		COALESCING PLATE OIL/WATER SEPARATOR	2	EACH	\$20,000.00	\$40,000.00	\$30,000.00	\$ 11,500.00	\$23,000.00
39		SPECIAL TRASH RACK	1	EACH	\$2,000.00	\$2,000.00	\$3,000.00	\$ 3,000.00	\$3,000.00
40		TEMPORARY STREAM DIVERSION	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$5,000.00	\$ 10,000.00	\$10,000.00
41		SPECIAL INLET STRUCTURE	1	EACH	\$15,000.00	\$15,000.00	\$14,000.00	\$ 11,500.00	\$11,500.00
SANITARY SEWER									
42		TRENCH SHORING	9,847	L.F.	\$1.00	\$9,847.00	\$9,847.00	\$ 6.00	\$59,082.00
43		8-IN PVC SDR 35 GRAVITY SEWER MAIN	312	L.F.	\$45.00	\$14,040.00	\$10,920.00	\$ 43.00	\$13,416.00
44		STANDARD 48-INCH DIAMETER SANITARY SEWER MANHOLE	4	EACH	\$2,400.00	\$9,600.00	\$8,000.00	\$ 3,000.00	\$12,000.00
45		48-INCH DIAMETER SANITARY SEWER MANHOLE EXTRA DEPTH	11	V.F.	\$1,160.00	\$12,760.00	\$1,650.00	\$ 275.00	\$3,025.00
46		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE	3	EACH	\$2,545.00	\$7,635.00	\$1,050.00	\$ 400.00	\$1,200.00
47		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION REMOVAL	3	EACH	\$2,845.00	\$8,535.00	\$1,260.00	\$ 1,200.00	\$3,600.00
48		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION ADDITION	3	EACH	\$2,845.00	\$8,535.00	\$1,950.00	\$ 1,400.00	\$4,200.00
49		FOUNDATION GRAVEL	5,645	TON	\$18.00	\$101,610.00	\$101,610.00	\$ 14.00	\$79,030.00
50		BANK RUN GRAVEL	11,545	TON	\$10.00	\$115,450.00	\$103,905.00	\$ 12.75	\$147,198.75
WATER LINES									
51		8-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,128	L.F.	\$32.00	\$36,096.00	\$43,992.00	\$ 28.00	\$31,584.00
52		10-INCH DUCTILE IRON WATER MAIN, CLASS 52	230	L.F.	\$37.00	\$8,510.00	\$6,670.00	\$ 42.00	\$9,660.00
53		12-INCH DUCTILE IRON WATER MAIN, CLASS 52	5,810	L.F.	\$45.00	\$261,450.00	\$203,350.00	\$ 36.00	\$209,160.00
54		16-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,902	L.F.	\$58.00	\$110,316.00	\$79,884.00	\$ 65.00	\$123,630.00
55		18-INCH DUCTILE IRON WATER MAIN, CLASS 53	221	L.F.	\$70.00	\$15,470.00	\$16,575.00	\$ 100.00	\$22,100.00
56		24-INCH DUCTILE IRON WATER MAIN, CLASS 52	221	L.F.	\$90.00	\$19,890.00	\$22,100.00	\$ 200.00	\$44,200.00
57		6-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$1,400.00	\$1,400.00	\$450.00	\$ 500.00	\$500.00
58		8-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	22	EACH	\$1,600.00	\$35,200.00	\$14,300.00	\$ 600.00	\$13,200.00
59		10-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	7	EACH	\$1,900.00	\$13,300.00	\$6,300.00	\$ 925.00	\$6,475.00
60		12-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	18	EACH	\$2,500.00	\$45,000.00	\$19,800.00	\$ 1,000.00	\$18,000.00
61		14-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$3,400.00	\$3,400.00	\$1,700.00	\$ 1,300.00	\$1,300.00
62		16-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	5	EACH	\$4,000.00	\$20,000.00	\$10,000.00	\$ 1,700.00	\$8,500.00

			King County Engineers Estimate				str.	KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost
63		18-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$5,500.00	\$5,500.00	\$2,800.00	\$ 2,300.00	\$2,300.00
64		0	36,000	LBS.	\$5.50	\$198,000.00	\$63,000.00	\$ 2.00	\$72,000.00
65		CONCRETE THRUST BLOCKING	160	C.Y.	\$100.00	\$16,000.00	\$20,000.00	\$ 100.00	\$16,000.00
66		FIRE HYDRANT ASSEMBLY	12	EACH	\$6,900.00	\$82,800.00	\$60,000.00	\$ 3,000.00	\$36,000.00
67		REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT ASSEMBLY	10	EACH	\$500.00	\$5,000.00	\$15,000.00	\$ 1,400.00	\$14,000.00
68		1-INCH WATER SERVICE (NEAR SIDE)	18	EACH	\$2,580.00	\$46,440.00	\$13,500.00	\$ 500.00	\$9,000.00
69		1-INCH WATER SERVICE (FAR SIDE)	38	EACH	\$2,910.00	\$110,580.00	\$38,000.00	\$ 600.00	\$22,800.00
70		2-INCH WATER SERVICE (FAR SIDE)	1	EACH	\$3,000.00	\$3,000.00	\$1,500.00	\$ 1,000.00	\$1,000.00
71		1-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	600	L.F.	\$10.00	\$6,000.00	\$16,800.00	\$ 15.00	\$9,000.00
72		2-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	1,660	L.F.	\$11.00	\$18,260.00	\$36,520.00	\$ 12.00	\$19,920.00
73		2-INCH TEMPORARY WATER SERVICE	1	EACH	\$2,600.00	\$2,600.00	\$1,500.00	\$ 1,200.00	\$1,200.00
74		6-INCH DUCTILE IRON TEMP. WATER MAIN, CLASS 52	615	L.F.	\$20.00	\$12,300.00	\$20,295.00	\$ 20.00	\$12,300.00
75		WATER MAIN CONNECTION TO EXISTING SYSTEM	19	EACH	\$1,800.00	\$34,200.00	\$47,500.00	\$ 1,500.00	\$28,500.00
76		REMOVE AND DISPOSE OF EXISTING A/C WATER MAIN	3,085	L.F.	\$25.00	\$77,125.00	\$21,595.00	\$ 20.00	\$61,700.00
77		REMOVE AND DISPOSE OF EXISTING D.I. WATER MAIN	627	L.F.	\$20.00	\$12,540.00	\$5,643.00	\$ 16.00	\$10,032.00
78		REMOVE AND DISPOSE OF EXISTING C.I. WATER MAIN	120	L.F.	\$20.00	\$2,400.00	\$1,200.00	\$ 20.00	\$2,400.00
79		ABANDON EXISTING A/C WATER MAIN	4,874	L.F.	\$5.00	\$24,370.00	\$38,992.00	\$ 12.00	\$58,488.00
80		ABANDON EXISTING D.I. WATER MAIN	100	L.F.	\$5.00	\$500.00	\$900.00	\$ 16.00	\$1,600.00
81		4-INCH BLOW OFF ASSEMBLY	6	EACH	\$1,935.00	\$11,610.00	\$30,000.00	\$ 1,500.00	\$9,000.00
STRUCTURE									
82		STRUCTURE EXCAVATION CLASS A INCL. HAUL	170	C.Y	\$15.00	\$2,550.00	\$3,400.00	\$ 20.00	\$3,400.00
83		GRAVEL BACKFILL FOR WALL	95	C.Y	\$25.00	\$2,375.00	\$3,230.00	\$ 40.00	\$3,800.00
84		ST.REINF. BAR FOR SIDEWALK AND PARAPET	16,625	LBS	\$0.75	\$12,468.75	\$16,625.00	\$ 0.85	\$14,131.25
85		CONC. CLASS 4000 FOR SIDEWALK AND PARAPET	83	C.Y	\$450.00	\$37,350.00	\$58,100.00	\$ 120.00	\$9,960.00
86		BRIDGE RAILING TYPE BP	305	L.F.	\$55.00	\$16,775.00	\$22,875.00	\$ 85.00	\$25,925.00
87		SHAFT - 2'-6" DIAM. FOR SOLDIER PILE WALL	68	C.Y	\$60.00	\$4,080.00	\$30,600.00	\$ 275.00	\$18,700.00
88		FURNISHING & INSTALLING SOLDIER PILE W14X68	294	L.F.	\$80.00	\$23,520.00	\$22,050.00	\$ 24.00	\$7,056.00
89		FURNISHING & INSTALLING SOLDIER PILE W14X99	146	L.F.	\$100.00	\$14,600.00	\$13,140.00	\$ 36.75	\$5,365.50
90		FURNISHING & INSTALLING SOLDIER PILE W14X145	117	L.F.	\$120.00	\$14,040.00	\$11,700.00	\$ 55.00	\$6,435.00
91		TIMBER LAGGING FOR SOLDIER PILE WALL	2	MBM	\$3,000.00	\$6,000.00	\$10,000.00	\$ 2,600.00	\$5,200.00
92		CONCRETE CL. 4000P FOR SOLDIER PILE WALL	68	C.Y	\$600.00	\$40,800.00	\$13,600.00	\$ 200.00	\$13,600.00
93		PREFABRICATED DRAINAGE MATERIAL FOR SOLDIER PILE WALL	1,776	S.F.	\$2.00	\$3,552.00	\$2,664.00	\$ 2.00	\$3,552.00
94		CONCRETE FACIA WALL FOR SOLDIER PILE WALL	62	C.Y	\$600.00	\$37,200.00	\$55,800.00	\$ 850.00	\$52,700.00
95		GEOSYNTHETIC RETAINING WALL	3,345	S.F.	\$22.00	\$73,590.00	\$70,245.00	\$ 18.00	\$60,210.00
96		BORROW FOR GEOSYNTHETIC RETAINING WALL INCL. HAUL	2,200	C.Y	\$20.00	\$44,000.00	\$35,200.00	\$ 16.00	\$35,200.00
97		STONE COLUMN	206	C.Y	\$55.00	\$11,330.00	\$79,310.00	\$ 475.00	\$97,850.00
98		PREAPPROVED PROPRIETORY MSE WALL	920	S.F.	\$25.00	\$23,000.00	\$27,600.00	\$ 21.00	\$19,320.00
99		BACKFILL FOR PREAPPROVED MSE WALL INCL. HAUL	457	C.Y	\$20.00	\$9,140.00	\$7,312.00	\$ 16.00	\$7,312.00
SURFACING									
100		CRUSHED SURFACING BASE COURSE	674	TON	\$20.00	\$13,480.00	\$26,960.00	\$ 15.00	\$10,110.00

			King County Engineers Estimate					str.		KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost			Unit Cost	Total Cost
101		CRUSHED SURFACING TOP COURSE	3,500	TON	\$20.00	\$70,000.00	\$140,000.00			\$ 15.00	\$52,500.00
ASPHALT TREATED BASE											
102		ASPHALT TREATED BASE	3,300	TON	\$35.00	\$115,500.00	\$148,500.00			\$ 37.00	\$122,100.00
CEMENT CONCRETE PAVEMENT											
103		CEMENT CONC. CL. 4000 FOR DRIVEWAY 5 IN. THICK - 3 DAY MIX	850	S.Y.	\$50.00	\$42,500.00	\$44,200.00			\$ 30.00	\$25,500.00
ASPHALT CONCRETE PAVEMENT											
104		PLANING BITUMINOUS PAVEMENT	50	S.Y.	\$25.00	\$1,250.00	\$2,500.00			\$ 50.00	\$2,500.00
105		ASPHALT CONC. PAVEMENT CL. B	23,100	TON	\$38.00	\$877,800.00	\$924,000.00			\$ 36.50	\$843,150.00
106		ASPHALT CONC. PAVEMENT CL. E	15,200	TON	\$30.00	\$456,000.00	\$532,000.00			\$ 34.00	\$516,800.00
EROSION CONTROL AND PLANTING											
107		SEEDING, FERTILIZING, AND MULCHING	7	ACRE	\$2,000.00	\$14,000.00	\$9,800.00			\$ 850.00	\$5,950.00
108		PLASTIC COVERING	17,000	S.Y.	\$1.00	\$17,000.00	\$51,000.00			\$ 1.00	\$17,000.00
109		CHECK DAM	87	EACH	\$75.00	\$6,525.00	\$23,925.00			\$ 100.00	\$8,700.00
110		STABILIZED CONSTRUCTION ENTRANCE	6	EACH	\$3,500.00	\$21,000.00	\$18,000.00			\$ 2,000.00	\$12,000.00
111		INLET PROTECTION	230	EACH	\$150.00	\$34,500.00	\$21,850.00			\$ 75.00	\$17,250.00
112		SILT FENCE	6,754	L.F.	\$3.00	\$20,262.00	\$23,639.00			\$ 4.00	\$27,016.00
113		TEMPORARY DRAIN PIPE	775	L.F.	\$25.00	\$19,375.00	\$13,950.00			\$ 12.00	\$9,300.00
114		STRAW MULCH	20,000	S.Y.	\$0.20	\$4,000.00	\$12,000.00			\$ 0.50	\$10,000.00
115		TEMPORARY WATER POLLUTION/EROSION CONTROL	\$100,000	DOLL.	\$100,000.00	\$100,000.00	\$100,000.00			\$ 100,000.00	\$100,000.00
116		TOPSOIL TYPE A	3,600	C.Y.	\$25.00	\$90,000.00	\$61,200.00			\$ 23.00	\$82,800.00
117		TOPSOIL TYPE B	1,500	C.Y.	\$25.00	\$37,500.00	\$27,000.00			\$ 12.00	\$18,000.00
118		COMPOST TOPSOIL	1,000	C.Y.	\$25.00	\$25,000.00	\$17,000.00			\$ 26.25	\$26,250.00
119		EROSION CONTROL BLANKET	31,000	S.Y.	\$1.00	\$31,000.00	\$31,000.00			\$ 1.00	\$31,000.00
120		BARK OR WOOD CHIP MULCH	350	C.Y.	\$25.00	\$8,750.00	\$5,950.00			\$ 24.00	\$8,400.00
121		COMPOST MULCH	340	C.Y.	\$38.00	\$12,920.00	\$5,440.00			\$ 26.25	\$8,925.00
122		SPLIT RAIL FENCE	1,550	L.F	\$11.00	\$17,050.00	\$10,850.00			\$ 6.50	\$10,075.00
123		WETLAND SENSITIVE AREA SIGN	17	EACH	\$100.00	\$1,700.00	\$1,275.00			\$ 200.00	\$3,400.00
124		STAFF GAUGE	2	EACH	\$100.00	\$200.00	\$700.00			\$ 1,500.00	\$3,000.00
125		GROUND WATER WELL	2	EACH	\$100.00	\$200.00	\$5,000.00			\$ 6,000.00	\$12,000.00
126		SNAG	4	EACH	\$1,000.00	\$4,000.00	\$1,200.00			\$ 1,000.00	\$4,000.00
127		DOWN LOG	14	EACH	\$1,000.00	\$14,000.00	\$4,200.00			\$ 750.00	\$10,500.00
128		DEFLECTOR LOG	2	EACH	\$400.00	\$800.00	\$600.00			\$ 900.00	\$1,800.00
129		BANK LOG	3	EACH	\$400.00	\$1,200.00	\$900.00			\$ 900.00	\$2,700.00
130		BRUSH PILE	11	EACH	\$100.00	\$1,100.00	\$3,300.00			\$ 500.00	\$5,500.00
131		ROCK RETARDS	11	EACH	\$40.00	\$440.00	\$6,050.00			\$ 500.00	\$5,500.00
132		BANK/ANCHOR ROCK	220	EACH	\$40.00	\$8,800.00	\$44,000.00			\$ 100.00	\$22,000.00
133		PLANT SELECTION AUTUMN FLAME RED MAPLE	148	EACH	\$225.00	\$33,300.00	\$23,680.00			\$ 295.00	\$43,660.00
134		PLANT SELECTION RAYWOOD ASH	79	EACH	\$225.00	\$17,775.00	\$13,430.00			\$ 295.00	\$23,305.00
135		PLANT SELECTION CHANTICLEER PEAR	34	EACH	\$175.00	\$5,950.00	\$5,610.00			\$ 165.00	\$5,610.00
136		PLANT SELECTION KWANZAN CHERRY	29	EACH	\$175.00	\$5,075.00	\$4,640.00			\$ 200.00	\$5,800.00
137		PLANT SELECTION INCENSE CEDAR	92	EACH	\$125.00	\$11,500.00	\$9,200.00			\$ 150.00	\$13,800.00

			King County Engineers Estimate					str.		KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
138		PLANT SELECTION ORCHID ROCK ROSE	85	EACH	\$18.00	\$1,530.00	\$850.00	\$ 25.00	\$2,125.00		
139		PLANT SELECTION OREGON GRAPE	55	EACH	\$15.00	\$825.00	\$522.50	\$ 25.00	\$1,375.00		
140		PLANT SELECTION PACIFIC WAX MYRTLE	21	EACH	\$20.00	\$420.00	\$210.00	\$ 25.00	\$525.00		
141		PLANT SELECTION RED FLOWERING CURRANT	33	EACH	\$18.00	\$594.00	\$346.50	\$ 9.50	\$313.50		
142		PLANT SELECTION KINNIKINICK	1,060	EACH	\$8.00	\$8,480.00	\$4,240.00	\$ 4.75	\$5,035.00		
143		PLANT SELECTION COTONEASTER	2,493	EACH	\$8.00	\$19,944.00	\$11,218.50	\$ 4.25	\$10,595.25		
144		PLANT SELECTION CREEPING MAHONIA	3,441	EACH	\$8.00	\$27,528.00	\$14,624.25	\$ 4.25	\$14,624.25		
145		PLANT SELECTION WESTERN RED CEDAR - 3' TO 4' HT.	25	EACH	\$50.00	\$1,250.00	\$1,250.00	\$ 22.00	\$550.00		
146		PLANT SELECTION WESTERN RED CEDAR - 8' TO 10' HT.	73	EACH	\$125.00	\$9,125.00	\$3,869.00	\$ 140.00	\$10,220.00		
147		PLANT SELECTION DOUGLAS FIR - 3' TO 4' HT	35	EACH	\$50.00	\$1,750.00	\$1,820.00	\$ 22.00	\$770.00		
148		PLANT SELECTION DOUGLAS FIR - 8' TO 10' HT	118	EACH	\$125.00	\$14,750.00	\$6,254.00	\$ 130.00	\$15,340.00		
149		PLANT SELECTION SITKA SPRUCE	10	EACH	\$45.00	\$450.00	\$220.00	\$ 22.00	\$220.00		
150		PLANT SELECTION WESTERN HEMLOCK	16	EACH	\$45.00	\$720.00	\$336.00	\$ 22.00	\$352.00		
151		PLANT SELECTION BIG LEAF MAPLE	25	EACH	\$45.00	\$1,125.00	\$575.00	\$ 25.00	\$625.00		
152		PLANT SELECTION BLACK COTTONWOOD	10	EACH	\$45.00	\$450.00	\$220.00	\$ 25.00	\$250.00		
153		PLANT SELECTION OREGON ASH	25	EACH	\$45.00	\$1,125.00	\$525.00	\$ 25.00	\$625.00		
154		PLANT SELECTION VINE MAPLE	78	EACH	\$40.00	\$3,120.00	\$1,794.00	\$ 25.00	\$1,950.00		
155		PLANT SELECTION HAZELNUT	4	EACH	\$40.00	\$160.00	\$88.00	\$ 25.00	\$100.00		
156		PLANT SELECTION BLACK HAWTHORN	25	EACH	\$20.00	\$500.00	\$525.00	\$ 25.00	\$625.00		
157		PLANT SELECTION PACIFIC WILLOW	350	EACH	\$8.00	\$2,800.00	\$1,750.00	\$ 2.20	\$770.00		
158		PLANT SELECTION SCOUER WILLOW	300	EACH	\$8.00	\$2,400.00	\$1,350.00	\$ 2.20	\$660.00		
159		PLANT SELECTION RED ELDERBERRY	46	EACH	\$24.00	\$1,104.00	\$1,012.00	\$ 17.00	\$782.00		
160		PLANT SELECTION RED OSIER DOGWOOD	131	EACH	\$25.00	\$3,275.00	\$1,310.00	\$ 17.00	\$2,227.00		
161		PLANT SELECTION PACIFIC NINEBARK	133	EACH	\$25.00	\$3,325.00	\$1,463.00	\$ 9.25	\$1,230.25		
162		PLANT SELECTION SALMONBERRY	266	EACH	\$24.00	\$6,384.00	\$2,793.00	\$ 9.25	\$2,460.50		
163		PLANT SELECTION OCEAN SPRAY	47	EACH	\$24.00	\$1,128.00	\$517.00	\$ 9.25	\$434.75		
164		PLANT SELECTION NOOTKA ROSE	251	EACH	\$24.00	\$6,024.00	\$2,635.50	\$ 9.25	\$2,321.75		
165		PLANT SELECTION SNOWBERRY	249	EACH	\$24.00	\$5,976.00	\$2,739.00	\$ 9.25	\$2,303.25		
166		PLANT SELECTION BLACK TWINBERRY	46	EACH	\$24.00	\$1,104.00	\$483.00	\$ 9.25	\$425.50		
167		PLANT SELECTION INDIAN PLUM	106	EACH	\$24.00	\$2,544.00	\$1,166.00	\$ 9.25	\$980.50		
168		PLANT SELECTION RED FLOWERING CURRANT	10	EACH	\$24.00	\$240.00	\$100.00	\$ 9.25	\$92.50		
169		PLANT SELECTION SLOUGH SEDGE	30	EACH	\$1.50	\$45.00	\$90.00	\$ 2.20	\$66.00		
170		PLANT SELECTION SMALL FRUITED BULRUSH	30	EACH	\$1.50	\$45.00	\$90.00	\$ 2.20	\$66.00		
171		PLANT ESTABLISHMENT (\$50,000 MIN)	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$50,000.00	\$ 50,000.00	\$50,000.00		
TRAFFIC											
172	6727	EXTRUDED CURB	1,115	LF.	\$4.00	\$4,460.00	\$7,805.00	\$ 4.75	\$5,296.25		
173	6730	TYPE A PRECAST TRAFFIC CURB	170	LF.	\$10.00	\$1,700.00	\$2,550.00	\$ 15.50	\$2,635.00		
174	6732	TYPE C PRECAST TRAFFIC CURB	300	LF.	\$12.00	\$3,600.00	\$4,500.00	\$ 15.50	\$4,650.00		
175		CEMENT CONC. CURB AND GUTTER	14,000	L.F.	\$8.00	\$112,000.00	\$210,000.00	\$ 7.50	\$105,000.00		
176	6748	BEAM GUARDRAIL TYPE 1-8FT. LONG POST	1,692	LF.	\$12.00	\$20,304.00	\$25,380.00	\$ 15.00	\$25,380.00		
177	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 3 WITH D CONNECTION	1	EACH	\$1,500.00	\$1,500.00	\$1,000.00	\$ 1,000.00	\$1,000.00		

			King County Engineers Estimate					str.		KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
178	6716	BEAM GUARDRAIL FLARED TERMINAL	18	EACH	\$2,000.00	\$36,000.00	\$36,000.00	\$ 2,500.00	\$45,000.00		
179	6771	BEAM GUARDRAIL ANCHOR TYPE 1	1	EACH	\$500.00	\$500.00	\$600.00	\$ 750.00	\$750.00		
180	6776	PRECAST CONCRETE BARRIER TYPE 2	20	LF.	\$25.00	\$500.00	\$600.00	\$ 30.00	\$600.00		
181	6781	TEMPORARY CONCRETE BARRIER	14,000	LF.	\$10.00	\$140,000.00	\$140,000.00	\$ 12.00	\$168,000.00		
182		PAINT STRIPE	40,000	L.F.	\$0.20	\$8,000.00	\$6,000.00	\$ 0.12	\$4,800.00		
183		PLASTIC GORE STRIPE	900	L.F.	\$2.00	\$1,800.00	\$1,350.00	\$ 1.50	\$1,350.00		
184		PLASTIC CROSSWALK STRIPE	1,300	L.F.	\$3.00	\$3,900.00	\$1,950.00	\$ 1.75	\$2,275.00		
185		PLASTIC STOP BAR	400	L.F.	\$3.00	\$1,200.00	\$1,040.00	\$ 3.50	\$1,400.00		
186	6833	PLASTIC TRAFFIC ARROW	41	EACH	\$75.00	\$3,075.00	\$2,050.00	\$ 45.00	\$1,845.00		
187	6884	RAISED PAVEMENT MARKER TYPE 2	6	HUND.	\$500.00	\$3,000.00	\$2,100.00	\$ 400.00	\$2,400.00		
188	6888	TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.20	\$3,600.00	\$18,000.00	\$ 1.00	\$18,000.00		
189		ILLUMINATION SYSTEM COMPLETE - 140TH	LUMP SUM	L.S.	\$283,000.00	\$283,000.00	\$310,000.00	\$ 265,000.00	\$265,000.00		
190		SIGNALIZATION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$138,000.00	\$138,000.00	\$135,000.00	\$ 130,000.00	\$130,000.00		
191		SIGNALIZATION SYSTEM COMPLETE - PETROVITSKY	LUMP SUM	L.S.	\$26,000.00	\$26,000.00	\$30,000.00	\$ 45,000.00	\$45,000.00		
192		VIDEO DETECTION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$30,000.00	\$30,000.00	\$35,000.00	\$ 37,000.00	\$37,000.00		
193		PAINTED BICYCLE SYMBOL	57	EACH	\$30.00	\$1,710.00	\$1,710.00	\$ 40.00	\$2,280.00		
194		TRAFFIC SAFETY DRUM	600	EACH	\$40.00	\$24,000.00	\$42,000.00	\$ 60.00	\$36,000.00		
195		SEQUENTIAL ARROW SIGN	5,000	HOURL	\$5.00	\$25,000.00	\$15,000.00	\$ 4.00	\$20,000.00		
196		TYPE III BARRICADE	10	EACH	\$300.00	\$3,000.00	\$3,500.00	\$ 150.00	\$1,500.00		
197		TRAFFIC CONTROL LABOR (\$35/HR MIN)	10,250	HOURL	\$35.00	\$358,750.00	\$379,250.00	\$ 35.00	\$358,750.00		
198		TEMPORARY SAND BARREL CRASH CUSHION	20	EACH	\$200.00	\$4,000.00	\$40,000.00	\$ 1,800.00	\$36,000.00		
OTHER ITEMS											
199	7014	GRAVEL BACKFILL FOR DRAIN	437	C.Y.	\$27.00	\$11,799.00	\$8,740.00	\$ 28.00	\$12,236.00		
200	7018	WATER	1,000	mGAL	\$15.00	\$15,000.00	\$30,000.00	\$ 20.00	\$20,000.00		
201		CONCRETE MONUMENT WITH CASE AND COVER	24	EACH	\$300.00	\$7,200.00	\$8,400.00	\$ 250.00	\$6,000.00		
202		REMOVE AND RESET MONUMENT TO GRADE	10	EACH	\$200.00	\$2,000.00	\$3,000.00	\$ 150.00	\$1,500.00		
203		CEMENT CONC. SIDEWALK	8,300	S.Y.	\$20.00	\$166,000.00	\$207,500.00	\$ 18.00	\$149,400.00		
204	7081	CHAIN LINK FENCE TYPE 1	1,640	L.F.	\$10.00	\$16,400.00	\$24,600.00	\$ 13.75	\$22,550.00		
205	7083	CHAIN LINK FENCE TYPE 3	135	L.F.	\$15.00	\$2,025.00	\$1,620.00	\$ 10.75	\$1,451.25		
206	7086	CHAIN LINK FENCE TYPE 6	120	L.F.	\$20.00	\$2,400.00	\$1,200.00	\$ 9.25	\$1,110.00		
207	7102	DOUBLE 14 FT. CHAIN LINK GATE	4	EACH	\$800.00	\$3,200.00	\$3,200.00	\$ 1,000.00	\$4,000.00		
208		ROCK FACING	266	S.Y.	\$200.00	\$53,200.00	\$34,580.00	\$ 160.00	\$42,560.00		
209	3100	ADJUST CATCH BASIN	30	EACH	\$400.00	\$12,000.00	\$10,500.00	\$ 300.00	\$9,000.00		
210		MAILBOX SUPPORT	75	EACH	\$200.00	\$15,000.00	\$18,750.00	\$ 200.00	\$15,000.00		
211	7550	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	462	S.Y.	\$2.00	\$924.00	\$462.00	\$ 3.00	\$1,386.00		
212	7552	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	771	S.Y.	\$2.00	\$1,542.00	\$1,542.00	\$ 3.00	\$2,313.00		
213		CONSTRUCTION GEOSYNTHETIC FOR EMBANKMENT REINFORCEMEN	4,500	S.Y.	\$2.00	\$9,000.00	\$9,000.00	\$ 3.50	\$15,750.00		
214	7091	HIGH VISIBILITY FENCING	1,800	L.F.	\$1.20	\$2,160.00	\$5,400.00	\$ 2.50	\$4,500.00		
215		SETTLEMENT PLATE	15	EACH	\$100.00	\$1,500.00	\$52,500.00	\$ 500.00	\$7,500.00		
216		CONSTR. OFFICE MONTHLY COMM. & SECURITY FEES est	\$ 5,000	DOLL.	\$5,000.00	\$5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00		
TOTAL						\$9,955,512.75	\$9,485,520.25		\$9,636,389.50		

			King County Engineers Estimate					str.	KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost	
			King County Engineers Estimate					str.	KLB Constr.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Total Cost	Unit Cost	Total Cost	

PROJECT NAME: 140th Avenue SE				BID DATE: October 10, 2002				
PROJECT NO.: 401195, R44106, R44107				BID VERIFIED: October 14, 2002 LANCE HULIN				
CONTRACT NO.: C23027C				PROJECT LENGTH: 1.4 mi.				
				King County Engineers Estimate			Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
PREPARATION								
1	0001	MOBILIZATION	LUMP SUM	L.S.	\$600,000.00	\$600,000.00	\$ 460,464.00	\$460,464.00
2		CLEARING AND GRUBBING	LUMP SUM	L.S.	\$160,000.00	\$160,000.00	\$ 125,000.00	\$125,000.00
3		REMOVAL OF STRUCTURE AND OBSTRUCTION	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$ 65,000.00	\$65,000.00
4		REMOVING AND RESETTING FENCE	720	L.F.	\$15.00	\$10,800.00	\$ 10.00	\$7,200.00
5	0188	REMOVING TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.10	\$1,800.00	\$ 0.05	\$900.00
6		SPILL PREVENTION PLAN	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$ 1,000.00	\$1,000.00
GRADING								
7		ROADWAY EXCAVATION INCL. HAUL	55,150	C.Y.	\$12.00	\$661,800.00	\$ 10.00	\$551,500.00
8	0350	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	3,000	C.Y.	\$10.00	\$30,000.00	\$ 10.00	\$30,000.00
9		GRAVEL BORROW INCL. HAUL	106,500	TON	\$8.00	\$852,000.00	\$ 7.00	\$745,500.00
10	0440	SAND DRAINAGE BLANKET	10,000	TON	\$10.00	\$100,000.00	\$ 16.00	\$160,000.00
11		EMBANKMENT COMPACTION	20,840	C.Y.	\$2.50	\$52,100.00	\$ 2.00	\$41,680.00
12		WETLAND EXCAVATION INCL. HAUL	7,400	C.Y.	\$12.00	\$88,800.00	\$ 15.00	\$111,000.00
13		POND EXCAVATION INCL. HAUL	20,000	C.Y.	\$12.00	\$240,000.00	\$ 15.00	\$300,000.00
DRAINAGE								
14		GRAVEL BACKFILL FOR TRENCH	3,872	C.Y.	\$22.00	\$85,184.00	\$ 24.00	\$92,928.00
15	7006	STRUCTURE EXCAVATION CLASS B INCL. HAUL	11,967	C.Y.	\$15.00	\$179,505.00	\$ 9.00	\$107,703.00
16	7008	SHORING OR EXTRA EXCAV. CL B	40,490	S.F.	\$3.00	\$121,470.00	\$ 0.25	\$10,122.50
17		DITCH EXCAVATION INCL. HAUL	3,718	C.Y.	\$20.00	\$74,360.00	\$ 9.00	\$33,462.00
18		STREAMBED GRAVEL	654	TON	\$40.00	\$26,160.00	\$ 28.00	\$18,312.00
19	1086	QUARRY SPALLS	700	TON	\$30.00	\$21,000.00	\$ 32.00	\$22,400.00
20	1160	UNDERDRAIN PIPE 6 IN. DIAM	1,129	L.F.	\$20.00	\$22,580.00	\$ 9.00	\$10,161.00
21	1180	SCHEDULE A CULV. PIPE 12 IN. DIAM.	10,279	L.F.	\$25.00	\$256,975.00	\$ 28.00	\$287,812.00
22	1182	SCHEDULE A CULV. PIPE 18 IN. DIAM.	5,484	L.F.	\$30.00	\$164,520.00	\$ 32.00	\$175,488.00
23	1184	SCHEDULE A CULV. PIPE 24 IN. DIAM.	447	L.F.	\$34.00	\$15,198.00	\$ 40.00	\$17,880.00
24		DUCTILE IRON CULV. PIPE 12 IN. DIAM.	158	L.F.	\$45.00	\$7,110.00	\$ 46.00	\$7,268.00
STORM SEWER								
25		CATCH BASIN TYPE 1L	15	EACH	\$950.00	\$14,250.00	\$ 1,250.00	\$18,750.00
26		CATCH BASIN TYPE 1L W/THRU CURB INLET (W/TCI)	7	EACH	\$1,050.00	\$7,350.00	\$ 1,350.00	\$9,450.00
27		CATCH BASIN TYPE 1	45	EACH	\$850.00	\$38,250.00	\$ 900.00	\$40,500.00
28		CATCH BASIN TYPE 1 W/THRU CURB INLET (W/TCI)	59	EACH	\$1,000.00	\$59,000.00	\$ 1,000.00	\$59,000.00
29		CATCH BASIN TYPE 2 - 48 IN DIAM.	13	EACH	\$1,900.00	\$24,700.00	\$ 2,200.00	\$28,600.00
30		CATCH BASIN TYPE 2 - 48 IN DIAM. W/THRU CURB INLET (W/TCI)	21	EACH	\$2,000.00	\$42,000.00	\$ 2,250.00	\$47,250.00

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
31		CATCH BASIN TYPE 2 - 48 IN DIAM. W/MANHOLE COVER	18	EACH	\$2,000.00	\$36,000.00	\$ 2,300.00	\$41,400.00
32		CATCH BASIN TYPE 2 - 48 IN DIAM. W/DEBRIS CAGE	2	EACH	\$2,000.00	\$4,000.00	\$ 3,200.00	\$6,400.00
33		CATCH BASIN TYPE 2 - 72 IN DIAM. W/MANHOLE COVER	7	EACH	\$4,500.00	\$31,500.00	\$ 4,500.00	\$31,500.00
34		81"X59" ARCH PIPE, ALUMINIZED, 0.079 IN. THICK	122	L.F.	\$110.00	\$13,420.00	\$ 325.00	\$39,650.00
35		FLOW RESTRICTOR OIL SEPARATOR, 15 IN. DIAM	1	EACH	\$2,000.00	\$2,000.00	\$ 850.00	\$850.00
36		FLOW RESTRICTOR OIL SEPARATOR, 18 IN. DIAM	4	EACH	\$800.00	\$3,200.00	\$ 900.00	\$3,600.00
37		FLOW RESTRICTOR OIL SEPARATOR, 24 IN. DIAM	1	EACH	\$1,200.00	\$1,200.00	\$ 1,250.00	\$1,250.00
38		COALESCING PLATE OIL/WATER SEPARATOR	2	EACH	\$20,000.00	\$40,000.00	\$ 15,000.00	\$30,000.00
39		SPECIAL TRASH RACK	1	EACH	\$2,000.00	\$2,000.00	\$ 1,250.00	\$1,250.00
40		TEMPORARY STREAM DIVERSION	LUMP SUM	L.S.	\$5,000.00	\$5,000.00	\$ 4,200.00	\$4,200.00
41		SPECIAL INLET STRUCTURE	1	EACH	\$15,000.00	\$15,000.00	\$ 5,000.00	\$5,000.00
SANITARY SEWER								
42		TRENCH SHORING	9,847	L.F.	\$1.00	\$9,847.00	\$ 0.25	\$2,461.75
43		8-IN PVC SDR 35 GRAVITY SEWER MAIN	312	L.F.	\$45.00	\$14,040.00	\$ 100.00	\$31,200.00
44		STANDARD 48-INCH DIAMETER SANITARY SEWER MANHOLE	4	EACH	\$2,400.00	\$9,600.00	\$ 6,500.00	\$26,000.00
45		48-INCH DIAMETER SANITARY SEWER MANHOLE EXTRA DEPTH	11	V.F.	\$1,160.00	\$12,760.00	\$ 200.00	\$2,200.00
46		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE	3	EACH	\$2,545.00	\$7,635.00	\$ 225.00	\$675.00
47		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION REMOVAL	3	EACH	\$2,845.00	\$8,535.00	\$ 1,000.00	\$3,000.00
48		ADJUSTMENT OF EXISTING SANITARY SEWER MANHOLE RIM TO FINISHED GRADE WITH SECTION ADDITION	3	EACH	\$2,845.00	\$8,535.00	\$ 1,200.00	\$3,600.00
49		FOUNDATION GRAVEL	5,645	TON	\$18.00	\$101,610.00	\$ 20.00	\$112,900.00
50		BANK RUN GRAVEL	11,545	TON	\$10.00	\$115,450.00	\$ 11.66	\$134,614.70
WATER LINES								
51		8-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,128	L.F.	\$32.00	\$36,096.00	\$ 60.00	\$67,680.00
52		10-INCH DUCTILE IRON WATER MAIN, CLASS 52	230	L.F.	\$37.00	\$8,510.00	\$ 42.00	\$9,660.00
53		12-INCH DUCTILE IRON WATER MAIN, CLASS 52	5,810	L.F.	\$45.00	\$261,450.00	\$ 35.00	\$203,350.00
54		16-INCH DUCTILE IRON WATER MAIN, CLASS 52	1,902	L.F.	\$58.00	\$110,316.00	\$ 40.00	\$76,080.00
55		18-INCH DUCTILE IRON WATER MAIN, CLASS 53	221	L.F.	\$70.00	\$15,470.00	\$ 72.00	\$15,912.00
56		24-INCH DUCTILE IRON WATER MAIN, CLASS 52	221	L.F.	\$90.00	\$19,890.00	\$ 90.00	\$19,890.00
57		6-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$1,400.00	\$1,400.00	\$ 900.00	\$900.00
58		8-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	22	EACH	\$1,600.00	\$35,200.00	\$ 975.00	\$21,450.00
59		10-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	7	EACH	\$1,900.00	\$13,300.00	\$ 1,250.00	\$8,750.00
60		12-INCH GATE VALVE, RESILIENT WEDGE WITH VALVE BOX	18	EACH	\$2,500.00	\$45,000.00	\$ 1,300.00	\$23,400.00
61		14-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$3,400.00	\$3,400.00	\$ 2,500.00	\$2,500.00
62		16-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	5	EACH	\$4,000.00	\$20,000.00	\$ 2,600.00	\$13,000.00

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
63		18-INCH BUTTERFLY VALVE, RESILIENT WEDGE WITH VALVE BOX	1	EACH	\$5,500.00	\$5,500.00	\$ 30,000.00	\$30,000.00
64		0	36,000	LBS.	\$5.50	\$198,000.00		
65		CONCRETE THRUST BLOCKING	160	C.Y.	\$100.00	\$16,000.00	\$ 150.00	\$24,000.00
66		FIRE HYDRANT ASSEMBLY	12	EACH	\$6,900.00	\$82,800.00	\$ 2,600.00	\$31,200.00
67		REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT ASSEMBLY	10	EACH	\$500.00	\$5,000.00	\$ 700.00	\$7,000.00
68		1-INCH WATER SERVICE (NEAR SIDE)	18	EACH	\$2,580.00	\$46,440.00	\$ 900.00	\$16,200.00
69		1-INCH WATER SERVICE (FAR SIDE)	38	EACH	\$2,910.00	\$110,580.00	\$ 1,000.00	\$38,000.00
70		2-INCH WATER SERVICE (FAR SIDE)	1	EACH	\$3,000.00	\$3,000.00	\$ 2,000.00	\$2,000.00
71		1-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	600	L.F.	\$10.00	\$6,000.00	\$ 11.00	\$6,600.00
72		2-INCH POLYETHYLENE TEMP. WTR. SERVICE LINE	1,660	L.F.	\$11.00	\$18,260.00	\$ 12.00	\$19,920.00
73		2-INCH TEMPORARY WATER SERVICE	1	EACH	\$2,600.00	\$2,600.00	\$ 1,200.00	\$1,200.00
74		6-INCH DUCTILE IRON TEMP. WATER MAIN, CLASS 52	615	L.F.	\$20.00	\$12,300.00	\$ 35.00	\$21,525.00
75		WATER MAIN CONNECTION TO EXISTING SYSTEM	19	EACH	\$1,800.00	\$34,200.00	\$ 3,500.00	\$66,500.00
76		REMOVE AND DISPOSE OF EXISTING A/C WATER MAIN	3,085	L.F.	\$25.00	\$77,125.00	\$ 25.00	\$77,125.00
77		REMOVE AND DISPOSE OF EXISTING D.I. WATER MAIN	627	L.F.	\$20.00	\$12,540.00	\$ 20.00	\$12,540.00
78		REMOVE AND DISPOSE OF EXISTING C.I. WATER MAIN	120	L.F.	\$20.00	\$2,400.00	\$ 30.00	\$3,600.00
79		ABANDON EXISTING A/C WATER MAIN	4,874	L.F.	\$5.00	\$24,370.00	\$ 13.00	\$63,362.00
80		ABANDON EXISTING D.I. WATER MAIN	100	L.F.	\$5.00	\$500.00	\$ 11.00	\$1,100.00
81		4-INCH BLOW OFF ASSEMBLY	6	EACH	\$1,935.00	\$11,610.00	\$ 1,400.00	\$8,400.00
STRUCTURE								
82		STRUCTURE EXCAVATION CLASS A INCL. HAUL	170	C.Y	\$15.00	\$2,550.00	\$ 20.00	\$3,400.00
83		GRAVEL BACKFILL FOR WALL	95	C.Y	\$25.00	\$2,375.00	\$ 35.00	\$3,325.00
84		ST.REINF. BAR FOR SIDEWALK AND PARAPET	16,625	LBS	\$0.75	\$12,468.75	\$ 0.50	\$8,312.50
85		CONC. CLASS 4000 FOR SIDEWALK AND PARAPET	83	C.Y	\$450.00	\$37,350.00	\$ 480.00	\$39,840.00
86		BRIDGE RAILING TYPE BP	305	L.F.	\$55.00	\$16,775.00	\$ 65.00	\$19,825.00
87		SHAFT - 2'-6" DIAM. FOR SOLDIER PILE WALL	68	C.Y	\$60.00	\$4,080.00	\$ 375.00	\$25,500.00
88		FURNISHING & INSTALLING SOLDIER PILE W14X68	294	L.F.	\$80.00	\$23,520.00	\$ 38.00	\$11,172.00
89		FURNISHING & INSTALLING SOLDIER PILE W14X99	146	L.F.	\$100.00	\$14,600.00	\$ 85.00	\$12,410.00
90		FURNISHING & INSTALLING SOLDIER PILE W14X145	117	L.F.	\$120.00	\$14,040.00	\$ 110.00	\$12,870.00
91		TIMBER LAGGING FOR SOLDIER PILE WALL	2	MBM	\$3,000.00	\$6,000.00	\$ 800.00	\$1,600.00
92		CONCRETE CL. 4000P FOR SOLDIER PILE WALL	68	C.Y	\$600.00	\$40,800.00	\$ 130.00	\$8,840.00
93		PREFABRICATED DRAINAGE MATERIAL FOR SOLDIER PILE WALL	1,776	S.F.	\$2.00	\$3,552.00	\$ 1.25	\$2,220.00
94		CONCRETE FACIA WALL FOR SOLDIER PILE WALL	62	C.Y	\$600.00	\$37,200.00	\$ 1,150.00	\$71,300.00
95		GEOSYNTHETIC RETAINING WALL	3,345	S.F.	\$22.00	\$73,590.00	\$ 14.00	\$46,830.00
96		BORROW FOR GEOSYNTHETIC RETAINING WALL INCL. HAUL	2,200	C.Y	\$20.00	\$44,000.00	\$ 20.00	\$44,000.00
97		STONE COLUMN	206	C.Y	\$55.00	\$11,330.00	\$ 472.00	\$97,232.00
98		PREAPPROVED PROPRIETORY MSE WALL	920	S.F.	\$25.00	\$23,000.00	\$ 20.00	\$18,400.00
99		BACKFILL FOR PREAPPROVED MSE WALL INCL. HAUL	457	C.Y	\$20.00	\$9,140.00	\$ 28.00	\$12,796.00
SURFACING								
100		CRUSHED SURFACING BASE COURSE	674	TON	\$20.00	\$13,480.00	\$ 18.00	\$12,132.00

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
101		CRUSHED SURFACING TOP COURSE	3,500	TON	\$20.00	\$70,000.00	\$ 17.00	\$59,500.00
ASPHALT TREATED BASE								
102		ASPHALT TREATED BASE	3,300	TON	\$35.00	\$115,500.00	\$ 50.00	\$165,000.00
CEMENT CONCRETE PAVEMENT								
103		CEMENT CONC. CL. 4000 FOR DRIVEWAY 5 IN. THICK - 3 DAY MIX	850	S.Y.	\$50.00	\$42,500.00	\$ 25.00	\$21,250.00
ASPHALT CONCRETE PAVEMENT								
104		PLANING BITUMINOUS PAVEMENT	50	S.Y.	\$25.00	\$1,250.00	\$ 25.00	\$1,250.00
105		ASPHALT CONC. PAVEMENT CL. B	23,100	TON	\$38.00	\$877,800.00	\$ 42.00	\$970,200.00
106		ASPHALT CONC. PAVEMENT CL. E	15,200	TON	\$30.00	\$456,000.00	\$ 37.00	\$562,400.00
EROSION CONTROL AND PLANTING								
107		SEEDING, FERTILIZING, AND MULCHING	7	ACRE	\$2,000.00	\$14,000.00	\$ 1,700.00	\$11,900.00
108		PLASTIC COVERING	17,000	S.Y.	\$1.00	\$17,000.00	\$ 2.00	\$34,000.00
109		CHECK DAM	87	EACH	\$75.00	\$6,525.00	\$ 18.00	\$1,566.00
110		STABILIZED CONSTRUCTION ENTRANCE	6	EACH	\$3,500.00	\$21,000.00	\$ 1,200.00	\$7,200.00
111		INLET PROTECTION	230	EACH	\$150.00	\$34,500.00	\$ 60.00	\$13,800.00
112		SILT FENCE	6,754	L.F.	\$3.00	\$20,262.00	\$ 6.00	\$40,524.00
113		TEMPORARY DRAIN PIPE	775	L.F.	\$25.00	\$19,375.00	\$ 18.00	\$13,950.00
114		STRAW MULCH	20,000	S.Y.	\$0.20	\$4,000.00	\$ 0.30	\$6,000.00
115		TEMPORARY WATER POLLUTION/EROSION CONTROL	\$100,000	DOLL.	\$100,000.00	\$100,000.00	\$ 100,000.00	\$100,000.00
116		TOPSOIL TYPE A	3,600	C.Y.	\$25.00	\$90,000.00	\$ 28.00	\$100,800.00
117		TOPSOIL TYPE B	1,500	C.Y.	\$25.00	\$37,500.00	\$ 32.00	\$48,000.00
118		COMPOST TOPSOIL	1,000	C.Y.	\$25.00	\$25,000.00	\$ 32.00	\$32,000.00
119		EROSION CONTROL BLANKET	31,000	S.Y.	\$1.00	\$31,000.00	\$ 2.00	\$62,000.00
120		BARK OR WOOD CHIP MULCH	350	C.Y.	\$25.00	\$8,750.00	\$ 35.00	\$12,250.00
121		COMPOST MULCH	340	C.Y.	\$38.00	\$12,920.00	\$ 35.00	\$11,900.00
122		SPLIT RAIL FENCE	1,550	L.F	\$11.00	\$17,050.00	\$ 7.00	\$10,850.00
123		WETLAND SENSITIVE AREA SIGN	17	EACH	\$100.00	\$1,700.00	\$ 150.00	\$2,550.00
124		STAFF GAUGE	2	EACH	\$100.00	\$200.00	\$ 3,000.00	\$6,000.00
125		GROUND WATER WELL	2	EACH	\$100.00	\$200.00	\$ 3,000.00	\$6,000.00
126		SNAG	4	EACH	\$1,000.00	\$4,000.00	\$ 900.00	\$3,600.00
127		DOWN LOG	14	EACH	\$1,000.00	\$14,000.00	\$ 550.00	\$7,700.00
128		DEFLECTOR LOG	2	EACH	\$400.00	\$800.00	\$ 1,200.00	\$2,400.00
129		BANK LOG	3	EACH	\$400.00	\$1,200.00	\$ 710.00	\$2,130.00
130		BRUSH PILE	11	EACH	\$100.00	\$1,100.00	\$ 450.00	\$4,950.00
131		ROCK RETARDS	11	EACH	\$40.00	\$440.00	\$ 250.00	\$2,750.00
132		BANK/ANCHOR ROCK	220	EACH	\$40.00	\$8,800.00	\$ 35.00	\$7,700.00
133		PLANT SELECTION AUTUMN FLAME RED MAPLE	148	EACH	\$225.00	\$33,300.00	\$ 210.00	\$31,080.00
134		PLANT SELECTION RAYWOOD ASH	79	EACH	\$225.00	\$17,775.00	\$ 210.00	\$16,590.00
135		PLANT SELECTION CHANTICLEER PEAR	34	EACH	\$175.00	\$5,950.00	\$ 150.00	\$5,100.00
136		PLANT SELECTION KWANZAN CHERRY	29	EACH	\$175.00	\$5,075.00	\$ 150.00	\$4,350.00
137		PLANT SELECTION INCENSE CEDAR	92	EACH	\$125.00	\$11,500.00	\$ 170.00	\$15,640.00

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
138		PLANT SELECTION ORCHID ROCK ROSE	85	EACH	\$18.00	\$1,530.00	\$ 25.00	\$2,125.00
139		PLANT SELECTION OREGON GRAPE	55	EACH	\$15.00	\$825.00	\$ 28.00	\$1,540.00
140		PLANT SELECTION PACIFIC WAX MYRTLE	21	EACH	\$20.00	\$420.00	\$ 28.00	\$588.00
141		PLANT SELECTION RED FLOWERING CURRANT	33	EACH	\$18.00	\$594.00	\$ 28.00	\$924.00
142		PLANT SELECTION KINNIKINICK	1,060	EACH	\$8.00	\$8,480.00	\$ 6.00	\$6,360.00
143		PLANT SELECTION COTONEASTER	2,493	EACH	\$8.00	\$19,944.00	\$ 6.00	\$14,958.00
144		PLANT SELECTION CREEPING MAHONIA	3,441	EACH	\$8.00	\$27,528.00	\$ 6.00	\$20,646.00
145		PLANT SELECTION WESTERN RED CEDAR - 3' TO 4' HT.	25	EACH	\$50.00	\$1,250.00	\$ 30.00	\$750.00
146		PLANT SELECTION WESTERN RED CEDAR - 8' TO 10' HT.	73	EACH	\$125.00	\$9,125.00	\$ 138.00	\$10,074.00
147		PLANT SELECTION DOUGLAS FIR - 3' TO 4' HT	35	EACH	\$50.00	\$1,750.00	\$ 30.00	\$1,050.00
148		PLANT SELECTION DOUGLAS FIR - 8' TO 10' HT	118	EACH	\$125.00	\$14,750.00	\$ 125.00	\$14,750.00
149		PLANT SELECTION SITKA SPRUCE	10	EACH	\$45.00	\$450.00	\$ 32.00	\$320.00
150		PLANT SELECTION WESTERN HEMLOCK	16	EACH	\$45.00	\$720.00	\$ 30.00	\$480.00
151		PLANT SELECTION BIG LEAF MAPLE	25	EACH	\$45.00	\$1,125.00	\$ 30.00	\$750.00
152		PLANT SELECTION BLACK COTTONWOOD	10	EACH	\$45.00	\$450.00	\$ 30.00	\$300.00
153		PLANT SELECTION OREGON ASH	25	EACH	\$45.00	\$1,125.00	\$ 30.00	\$750.00
154		PLANT SELECTION VINE MAPLE	78	EACH	\$40.00	\$3,120.00	\$ 30.00	\$2,340.00
155		PLANT SELECTION HAZELNUT	4	EACH	\$40.00	\$160.00	\$ 24.00	\$96.00
156		PLANT SELECTION BLACK HAWTHORN	25	EACH	\$20.00	\$500.00	\$ 30.00	\$750.00
157		PLANT SELECTION PACIFIC WILLOW	350	EACH	\$8.00	\$2,800.00	\$ 2.00	\$700.00
158		PLANT SELECTION SCOULER WILLOW	300	EACH	\$8.00	\$2,400.00	\$ 2.00	\$600.00
159		PLANT SELECTION RED ELDERBERRY	46	EACH	\$24.00	\$1,104.00	\$ 15.00	\$690.00
160		PLANT SELECTION RED OSIER DOGWOOD	131	EACH	\$25.00	\$3,275.00	\$ 15.00	\$1,965.00
161		PLANT SELECTION PACIFIC NINEBARK	133	EACH	\$25.00	\$3,325.00	\$ 10.00	\$1,330.00
162		PLANT SELECTION SALMONBERRY	266	EACH	\$24.00	\$6,384.00	\$ 10.00	\$2,660.00
163		PLANT SELECTION OCEAN SPRAY	47	EACH	\$24.00	\$1,128.00	\$ 10.00	\$470.00
164		PLANT SELECTION NOOTKA ROSE	251	EACH	\$24.00	\$6,024.00	\$ 10.00	\$2,510.00
165		PLANT SELECTION SNOWBERRY	249	EACH	\$24.00	\$5,976.00	\$ 10.00	\$2,490.00
166		PLANT SELECTION BLACK TWINBERRY	46	EACH	\$24.00	\$1,104.00	\$ 10.00	\$460.00
167		PLANT SELECTION INDIAN PLUM	106	EACH	\$24.00	\$2,544.00	\$ 10.00	\$1,060.00
168		PLANT SELECTION RED FLOWERING CURRANT	10	EACH	\$24.00	\$240.00	\$ 10.00	\$100.00
169		PLANT SELECTION SLOUGH SEDGE	30	EACH	\$1.50	\$45.00	\$ 2.00	\$60.00
170		PLANT SELECTION SMALL FRUITED BULRUSH	30	EACH	\$1.50	\$45.00	\$ 2.00	\$60.00
171		PLANT ESTABLISHMENT (\$50,000 MIN)	LUMP SUM	L.S.	\$50,000.00	\$50,000.00	\$ 50,000.00	\$50,000.00
TRAFFIC								
172	6727	EXTRUDED CURB	1,115	LF.	\$4.00	\$4,460.00	\$ 8.00	\$8,920.00
173	6730	TYPE A PRECAST TRAFFIC CURB	170	LF.	\$10.00	\$1,700.00	\$ 15.00	\$2,550.00
174	6732	TYPE C PRECAST TRAFFIC CURB	300	LF.	\$12.00	\$3,600.00	\$ 15.00	\$4,500.00
175		CEMENT CONC. CURB AND GUTTER	14,000	L.F.	\$8.00	\$112,000.00	\$ 11.00	\$154,000.00
176	6748	BEAM GUARDRAIL TYPE 1-8FT. LONG POST	1,692	LF.	\$12.00	\$20,304.00	\$ 15.00	\$25,380.00
177	6760	BEAM GUARDRAIL TRANSITION SECTION TYPE 3 WITH D CONNECTION	1	EACH	\$1,500.00	\$1,500.00	\$ 880.00	\$880.00

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
178	6716	BEAM GUARDRAIL FLARED TERMINAL	18	EACH	\$2,000.00	\$36,000.00	\$ 2,100.00	\$37,800.00
179	6771	BEAM GUARDRAIL ANCHOR TYPE 1	1	EACH	\$500.00	\$500.00	\$ 530.00	\$530.00
180	6776	PRECAST CONCRETE BARRIER TYPE 2	20	LF.	\$25.00	\$500.00	\$ 28.00	\$560.00
181	6781	TEMPORARY CONCRETE BARRIER	14,000	LF.	\$10.00	\$140,000.00	\$ 10.00	\$140,000.00
182		PAINT STRIPE	40,000	L.F.	\$0.20	\$8,000.00	\$ 0.12	\$4,800.00
183		PLASTIC GORE STRIPE	900	L.F.	\$2.00	\$1,800.00	\$ 1.50	\$1,350.00
184		PLASTIC CROSSWALK STRIPE	1,300	L.F.	\$3.00	\$3,900.00	\$ 1.50	\$1,950.00
185		PLASTIC STOP BAR	400	L.F.	\$3.00	\$1,200.00	\$ 2.50	\$1,000.00
186	6833	PLASTIC TRAFFIC ARROW	41	EACH	\$75.00	\$3,075.00	\$ 55.00	\$2,255.00
187	6884	RAISED PAVEMENT MARKER TYPE 2	6	HUND.	\$500.00	\$3,000.00	\$ 350.00	\$2,100.00
188	6888	TEMPORARY PAVEMENT MARKING	18,000	L.F.	\$0.20	\$3,600.00	\$ 0.12	\$2,160.00
189		ILLUMINATION SYSTEM COMPLETE - 140TH	LUMP SUM	L.S.	\$283,000.00	\$283,000.00	\$ 275,000.00	\$275,000.00
190		SIGNALIZATION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$138,000.00	\$138,000.00	\$ 170,000.00	\$170,000.00
191		SIGNALIZATION SYSTEM COMPLETE - PETROVITSKY	LUMP SUM	L.S.	\$26,000.00	\$26,000.00	\$ 53,000.00	\$53,000.00
192		VIDEO DETECTION SYSTEM COMPLETE - 192ND	LUMP SUM	L.S.	\$30,000.00	\$30,000.00	\$ 47,000.00	\$47,000.00
193		PAINTED BICYCLE SYMBOL	57	EACH	\$30.00	\$1,710.00	\$ 70.00	\$3,990.00
194		TRAFFIC SAFETY DRUM	600	EACH	\$40.00	\$24,000.00	\$ 65.00	\$39,000.00
195		SEQUENTIAL ARROW SIGN	5,000	HOUR	\$5.00	\$25,000.00	\$ 4.00	\$20,000.00
196		TYPE III BARRICADE	10	EACH	\$300.00	\$3,000.00	\$ 250.00	\$2,500.00
197		TRAFFIC CONTROL LABOR (\$35/HR MIN)	10,250	HOUR	\$35.00	\$358,750.00	\$ 40.00	\$410,000.00
198		TEMPORARY SAND BARREL CRASH CUSHION	20	EACH	\$200.00	\$4,000.00	\$ 2,000.00	\$40,000.00
OTHER ITEMS								
199	7014	GRAVEL BACKFILL FOR DRAIN	437	C.Y.	\$27.00	\$11,799.00	\$ 36.00	\$15,732.00
200	7018	WATER	1,000	mGAL	\$15.00	\$15,000.00	\$ 28.00	\$28,000.00
201		CONCRETE MONUMENT WITH CASE AND COVER	24	EACH	\$300.00	\$7,200.00	\$ 220.00	\$5,280.00
202		REMOVE AND RESET MONUMENT TO GRADE	10	EACH	\$200.00	\$2,000.00	\$ 200.00	\$2,000.00
203		CEMENT CONC. SIDEWALK	8,300	S.Y.	\$20.00	\$166,000.00	\$ 26.00	\$215,800.00
204	7081	CHAIN LINK FENCE TYPE 1	1,640	L.F.	\$10.00	\$16,400.00	\$ 16.00	\$26,240.00
205	7083	CHAIN LINK FENCE TYPE 3	135	L.F.	\$15.00	\$2,025.00	\$ 13.00	\$1,755.00
206	7086	CHAIN LINK FENCE TYPE 6	120	L.F.	\$20.00	\$2,400.00	\$ 10.00	\$1,200.00
207	7102	DOUBLE 14 FT. CHAIN LINK GATE	4	EACH	\$800.00	\$3,200.00	\$ 850.00	\$3,400.00
208		ROCK FACING	266	S.Y.	\$200.00	\$53,200.00	\$ 178.00	\$47,348.00
209	3100	ADJUST CATCH BASIN	30	EACH	\$400.00	\$12,000.00	\$ 200.00	\$6,000.00
210		MAILBOX SUPPORT	75	EACH	\$200.00	\$15,000.00	\$ 175.00	\$13,125.00
211	7550	CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE	462	S.Y.	\$2.00	\$924.00	\$ 5.00	\$2,310.00
212	7552	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	771	S.Y.	\$2.00	\$1,542.00	\$ 4.50	\$3,469.50
213		CONSTRUCTION GEOSYNTHETIC FOR EMBANKMENT REINFORCEMEN	4,500	S.Y.	\$2.00	\$9,000.00	\$ 7.00	\$31,500.00
214	7091	HIGH VISIBILITY FENCING	1,800	L.F.	\$1.20	\$2,160.00	\$ 2.00	\$3,600.00
215		SETTLEMENT PLATE	15	EACH	\$100.00	\$1,500.00	\$ 300.00	\$4,500.00
216		CONSTR. OFFICE MONTHLY COMM. & SECURITY FEES est	\$ 5,000	DOLL.	\$5,000.00	\$5,000.00	\$ 5,000.00	\$5,000.00
TOTAL						\$9,955,512.75		\$9,938,000.95

			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost
			King County Engineers Estimate				Mid-Mountain Contractors, Inc.	
Item No	Std Item	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost